UNITED

# EXPLORING E

DURING TH

1838, 1839, 184

UNDER THE C

CHARLES WI

---

# ATL

ITED STATES

# NG EXPEDITION.

DURING THE YEARS

1839, 1840, 1841, 1842.

NDER THE COMMAND OF

ES WILKES, U. S. N.

---

# TLAS.

МЛВПС ГПВЧИА
ВС
ЛЧИСОЛАВ

# A TI

# MAMMALOGY AN

B

JOHN C

MEMBER OF THE ACADEMY OF NATURAL SCIENCES OF PHI
OF THE NATIONAL INSTITUTE; OF THE NATU
THE LYCEUM OF NATURAL HISTORY OF NEW YORK;
CORRESPONDING MEMBER OF THE ZOOLO
MEMBER OF THE UNITED SOCIETY

PHILADE

J. B. LIPPIN

185

# TLAS.

BC
McCONNELL

# AND ORNITHOLOGY.

BY

JOHN CASSIN,

L SCIENCES OF PHILADELPHIA; OF THE AMERICAN PHILOSOPHICAL SOCIETY;
UTE; OF THE NATURAL HISTORY SOCIETY OF CHARLESTON; OF
Y OF NEW YORK; OF THE NATURAL HISTORY SOCIETY OF MONTREAL;
BER OF THE ZOOLOGICAL SOCIETY OF LONDON; HONORARY
E UNITED SOCIETY OF GERMAN ORNITHOLOGISTS, ETC.

---

PHILADELPHIA:
LIPPINCOTT & CO.
1858.

UNCLASSIFIED

# LIST OF

## MAMM

Plate 1, Fig. 1. VESPERTILIO SEMICAUDATUS. Peale.
" 2. MOLOSSUS AURISPINOSUS. (Peale.)
Plate 2. PTEROPUS SAMOENSIS. Peale.
Plate 3, Fig. 1. LUPUS GIGAS. Townsend.
" 2. LUPUS OCCIDENTALIS. Richardson.
Plate 4, Fig. 1. MUS EXULANS. Peale.
" 2. MUS VITIENSIS. Peale.
Plate 5, Fig. 1. DELPHINUS OBSCURUS. Gray.
" 2. DELPHINUS PECTORALIS. (Peale.)
Plate 6, Fig. 1. DELPHINUS ALBIMANUS. Peale.

## ORNITH

Plate 1. CATHARTES JOTA. (Molina.)
Plate 2. ACCIPITER RUFITORQUES. (Peale.)
Plate 3, Fig. 1. BUTEO VARIUS. Gould.
" 2. BUTEO VENTRALIS. Gould.

# OF PLATES.

## MAMMALOGY.


Plate 6, Fig. 2. LAGENORHYNCHUS CŒRULEOALBUS. (Meyen.)
Plate 7, Fig. 1. LAGENORHYNCHUS LATERALIS. (Peale.)
" 2. DELPHINUS BOREALIS. (Peale.)
Plate 8, Fig. 1. ARVICOLA CALIFORNICUS. Peale.
" 2. ARVICOLA OCCIDENTALIS. Peale.
" 3. SCALOPS AENEUS. Cassin.
Plate 9. SCIURUS FOSSOR. Peale.
Plate 10. CERVUS MACROTIS. Say.
Plate 11. CERVUS LEWISII. Peale.


## ORNITHOLOGY.


Plate 17. TODIRAMPHUS RECURVIROSTRIS. Lafresnaye.
Plate 18. TODIRAMPHUS DIVINUS. Lesson.
Plate 19, Fig. 1. TODIRAMPHUS OCCIPITALIS. Blyth.
" 2. TODIRAMPHUS CORONATUS. (Müller)

Plate 1. CATHARTES JOTA. (Molina.)
Plate 2. ACCIPITER RUFITORQUES. (Peale.)
Plate 3, Fig. 1. BUTEO VARIUS. Gould.
" 2. BUTEO VENTRALIS. Gould.
Plate 4. PANDION SOLITARIUS. (Peale.)
Plate 5. CORVUS RUFICOLLIS. Lesson.
Plate 6. CORVUS HAWAIIENSIS. Peale.
Plate 7, Fig. 1. APLONIS MARGINATA. Gould.
" 2. APLONIS BREVIROSTRIS. (Peale.)
" 3. PIPILOPSIS RUFICEPS. (Strickland.)
" 4. MICROSCELIS TRISTIS. (Blyth.)
Plate 8, Fig. 1. ERYTHRURA PEALEI. Hartlaub.
" 2. ERYTHRURA CYANEOVIRENS. Peale.
" 3. VOLATINIA JACARINA. (Linnaeus.)
Plate 9, Fig. 1. MUSCIPETA CYANICEPS. Cassin.
" 2. RHIPIDURA NEBULOSA. Peale.
" 3. TAENIOPTERA OBSCURA. (Gmelin.)
" 4. PETROICA PUSILLA. Peale.
Plate 10, Fig. 1. EOPSALTRIA FLAVIFRONS. Peale.
" 2. EOPSALTRIA ALBIFRONS. Peale.
" 3. EOPSALTRIA ICTEROIDES. Peale.
" 4. ZOSTEROPS FLAVICEPS. Peale.
Plate 11, Fig. 1. MOHOA ANGUSTIPLUMA. (Peale.)
" 2. LEPTORNIS SAMOENSIS. (Homb. et Jacq.)
Plate 12, Fig. 1. MYZOMELA NIGRIVENTRIS. Peale.
" 2. MYZOMELA JUGULARIS. Peale.
" 3. COLLOCALIA SPODIOPYGIA. (Peale.)
" 4. COLLOCALIA CINEREA. (Gmelin.)
Plate 13, Fig. 1. STENOPSIS PARVULUS. (Gould.)
" 2. STENOPSIS LONGIROSTRIS. (Bonaparte.)
Plate 14. NYCTIBIUS ÆTHEREUS. (De Wied.)
Plate 15. TODIRAMPHUS TUTA. (Gmelin.)
Plate 16. TODIRAMPHUS VITIENSIS. (Peale.)

Plate 17. TODIRAMPHUS RECURVIROSTRIS. Lafresnaye.
Plate 18. TODIRAMPHUS DIVINUS. Lesson.
Plate 19, Fig. 1. TODIRAMPHUS OCCIPITALIS. Blyth.
" 2. TODIRAMPHUS CORONATUS. (Müller)
Plate 20, Fig. 1. APROSMICTUS SPLENDENS. (Peale)
" 2. APROSMICTUS PERSONATUS. (G. R Gray.)
Plate 21, Fig. 1. CUCULUS TENUIROSTRIS. Lesson.
" 2. CUCULUS SIMUS. Peale.
Plate 22, Fig. 1. CENTROPUS MELANOPS. Lesson.
" 2. EUDYNAMYS TAHITIUS. (Gmelin.)
Plate 23. COLUMBA CASTANEICEPS. Peale.
Plate 24. CARPOPHAGA AURORÆ. Peale.
Plate 25. CARPOPHAGA WILKESII. Peale.
Plate 26. CARPOPHAGA LATRANS. Peale.
Plate 27. CARPOPHAGA PICKERINGII. Cassin.
Plate 28. CARPOPHAGA BICOLOR. (Scopoli.)
Plate 29. CARPOPHAGA MICROCERA. (Bonaparte.)
Plate 30. PTILINOPUS PURPURATUS. (Gmelin.)
Plate 31. PTILINOPUS FASCIATUS. Peale.
Plate 32. PTILINOPUS CORALENSIS. Peale.
Plate 33. PTILINOPUS PEROUSI. Peale.
Plate 34. PLEIODUS STRIGIROSTRIS. (Jardine.)
Plate 35, Fig. 1. SCOLOPAX MERIDIONALIS. Peale.
" 2. ZAPORNIA UMBRINA. Cassin.
Plate 36. FULICA ALAI. Peale.
Plate 37. NUMENIUS FEMORALIS. Peale.
Plate 38, Fig. 1. URIA COLUMBA. (Pallas.)
" 2. TRINGA PARVIROSTRIS. (Peale.)
Plate 39. THALASSIDROMA LINEATA. Peale.
Plate 40. PROCELLARIA PARVIROSTRIS. Peale.
Plate 41. PROCELLARIA ROSTRATA. Peale.
Plate 42. PROCELLARIA NIVEA. (Gmelin.)

80867

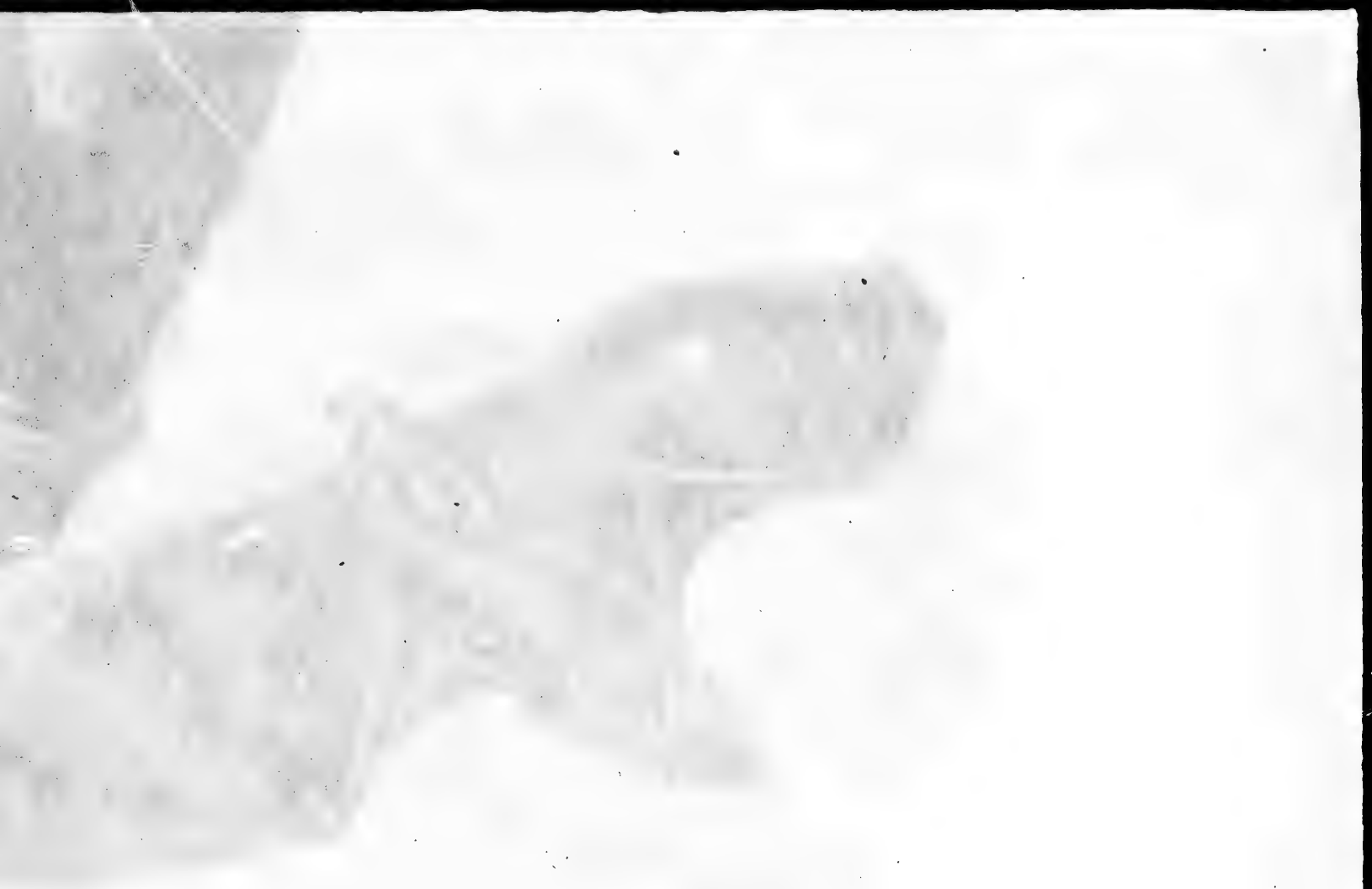
1

1 Vespertilio semicaudatus, Reale.

G.G.White del.

tus . Peale. 2 Molossus aurispinosus. Peale.

*Dougal sc.*

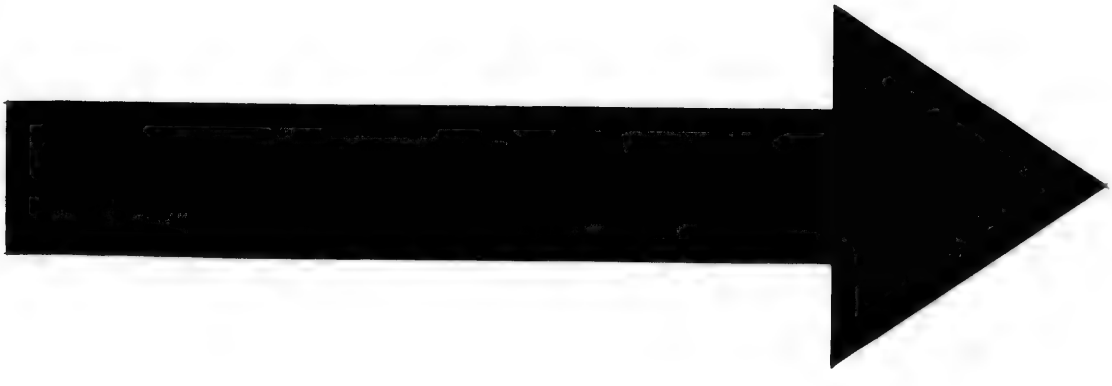


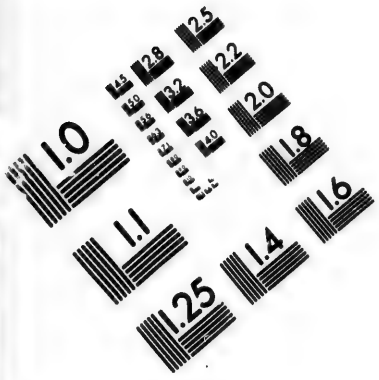
Pteropus samo

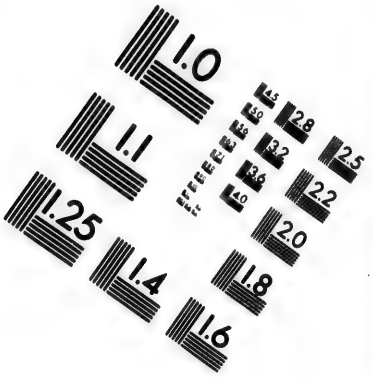
T.R. Peale del

Pteropus samoensis. Peale.

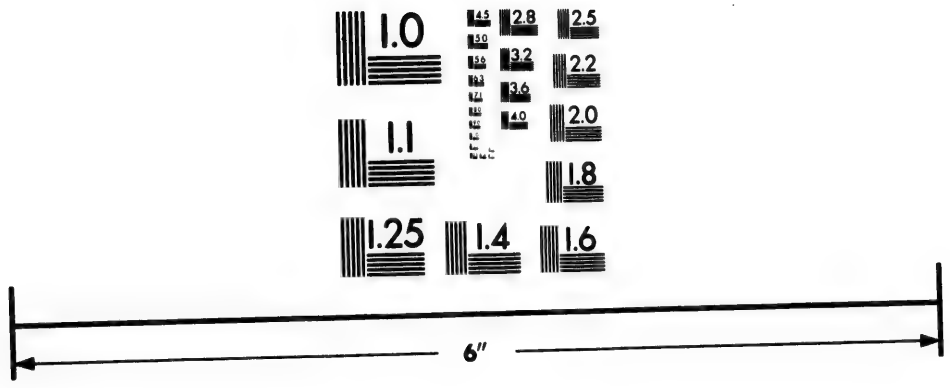
*Rawdon, Wright, Hatch, & Edson, sc*

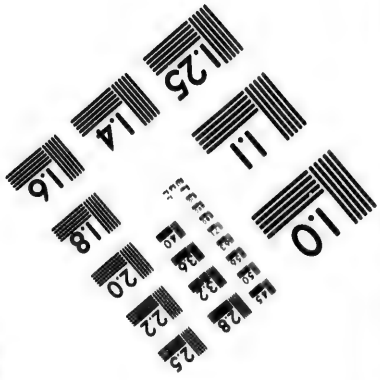





# IMAGE EVALUATION TEST TARGET (MT-3)






Photographic Sciences Corporation

25 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

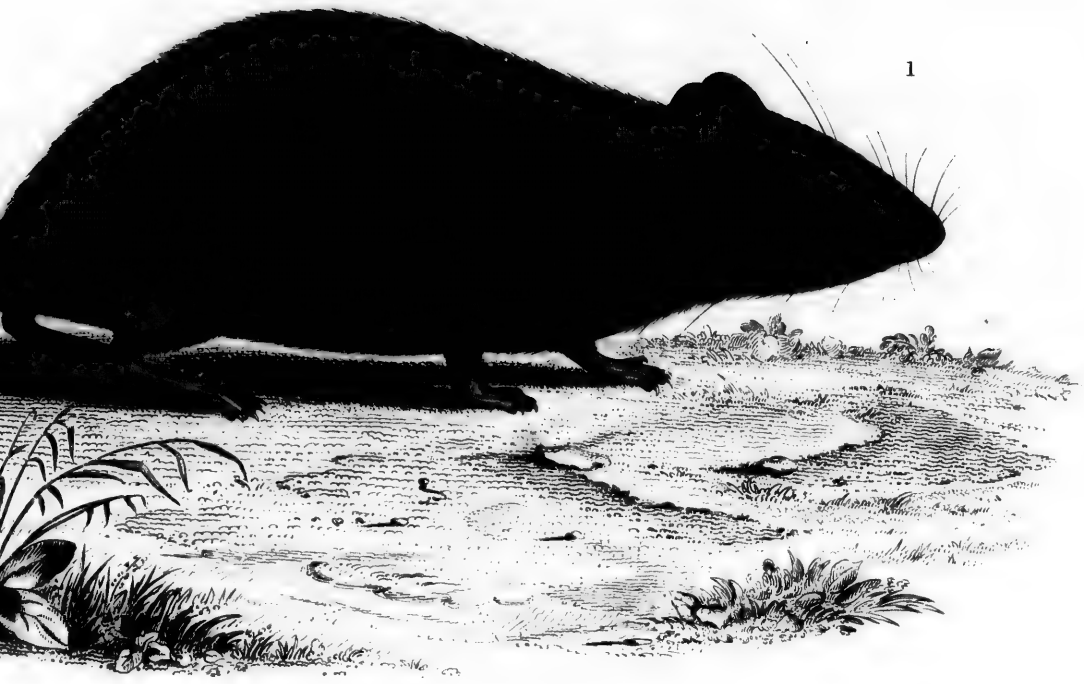
2.

1.

1. Lupus gigas, Townsend.

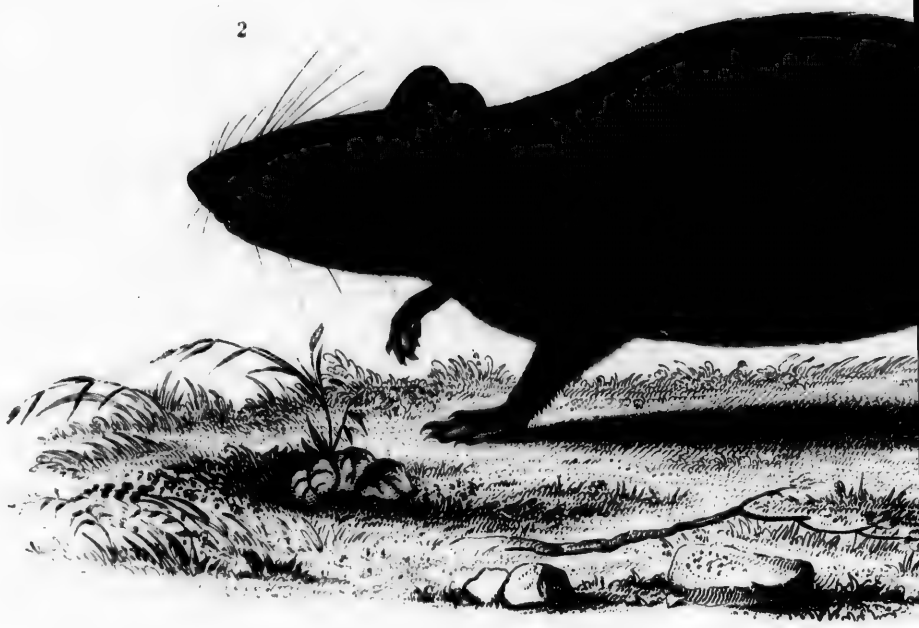
2. Lupus occidentalis. Richardson.

Bawden, Wright, Hatch & Edson Sc.



1

2



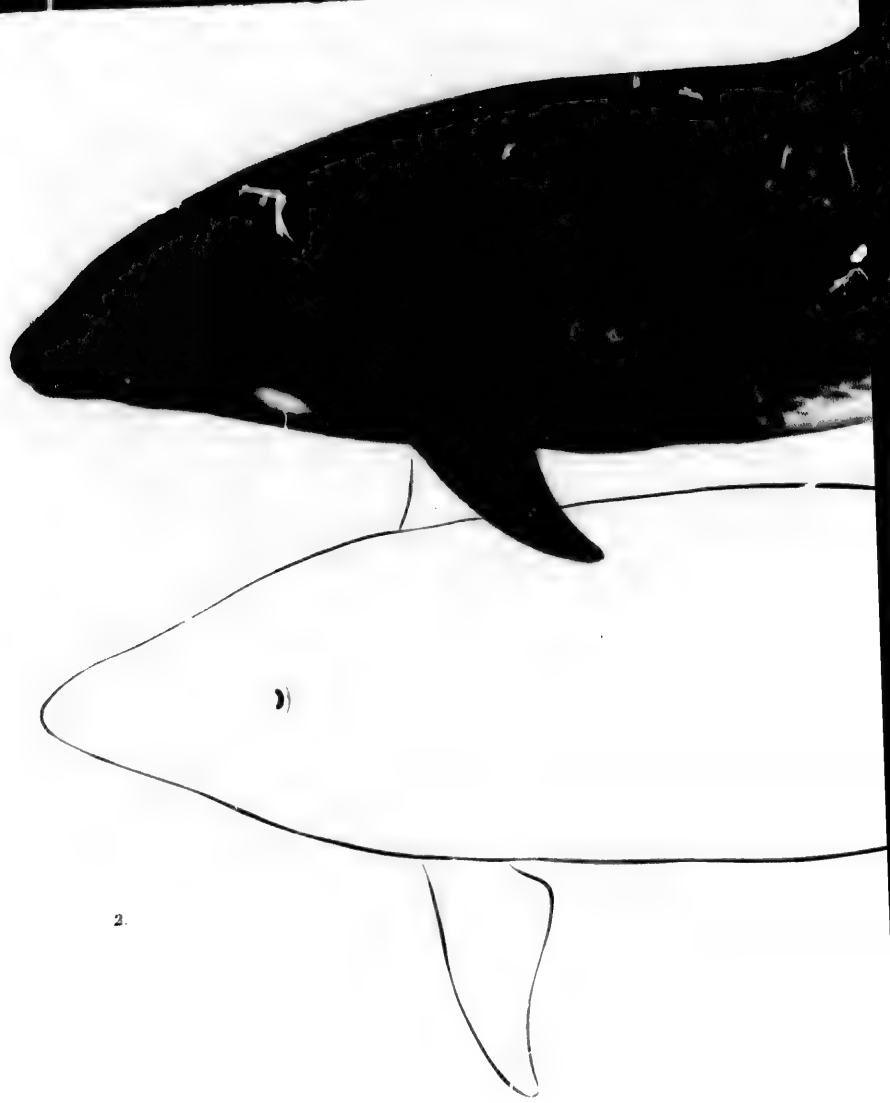
1 Mus exulans. Peale.

*W.E.Hitchcock del.*

2 Mus vitiensis. Peale.

Dougal sc.

1.



2.

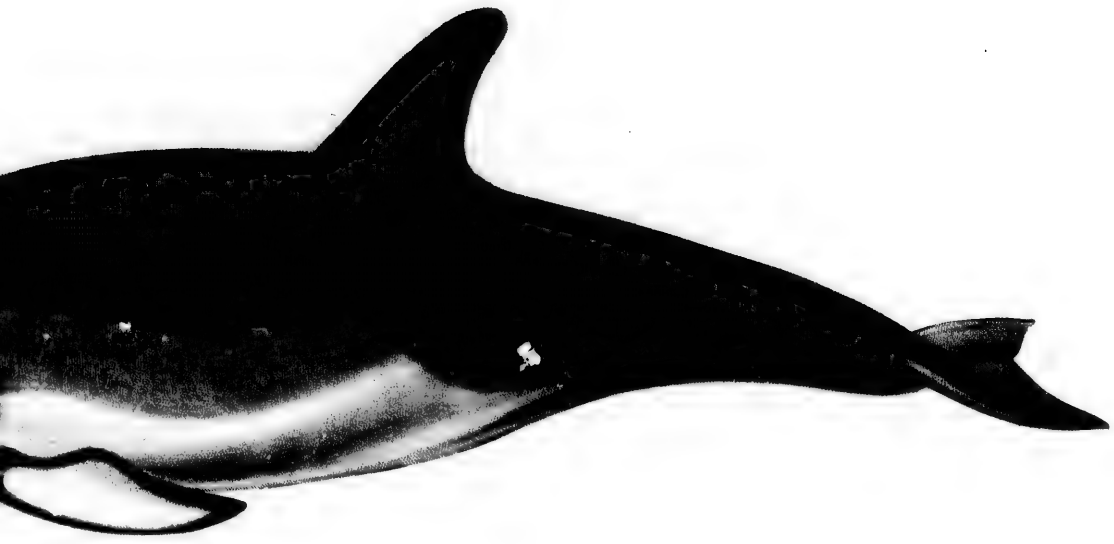
1. Delphinus obscurus. Gray.

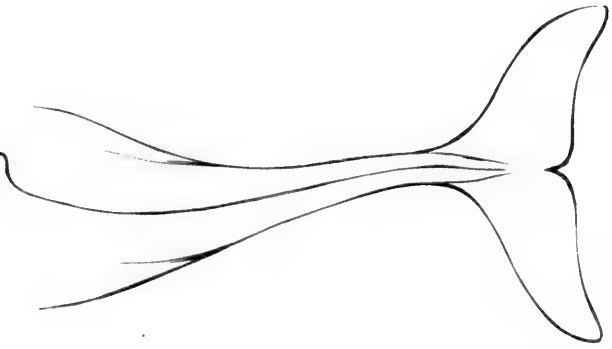
*T. R. Peale del*

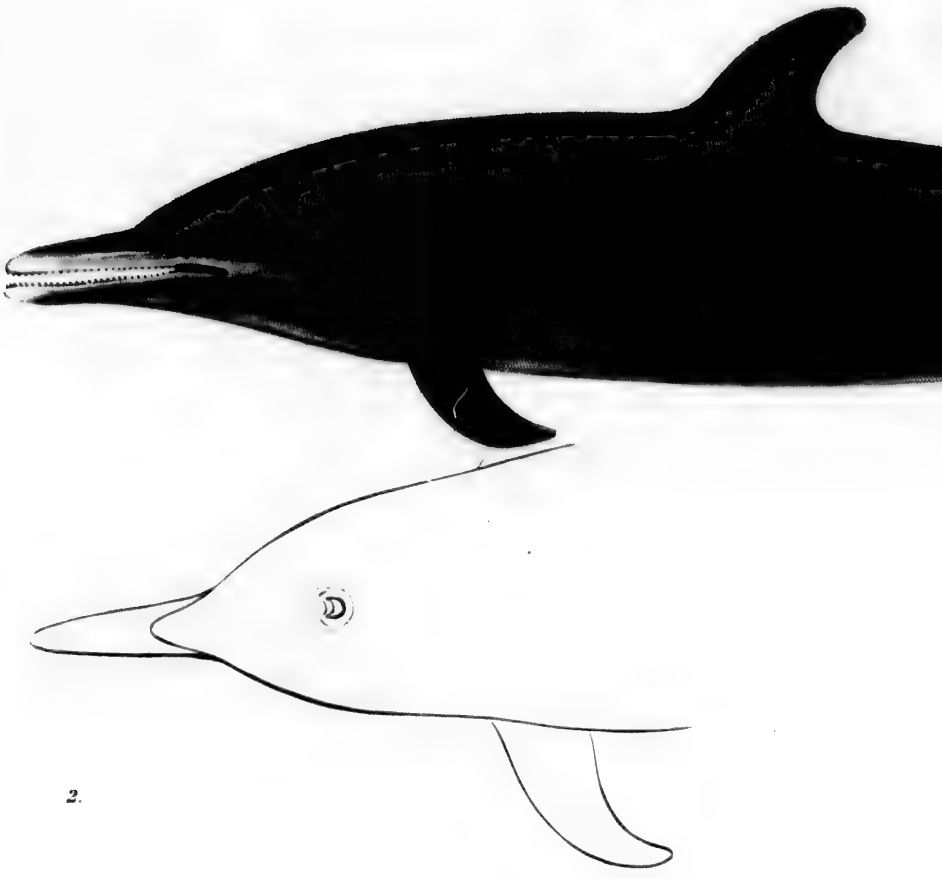
Gray. 2. Delphinus pectoralis. Peale.

*W. H. Dougal Sc.*

1.



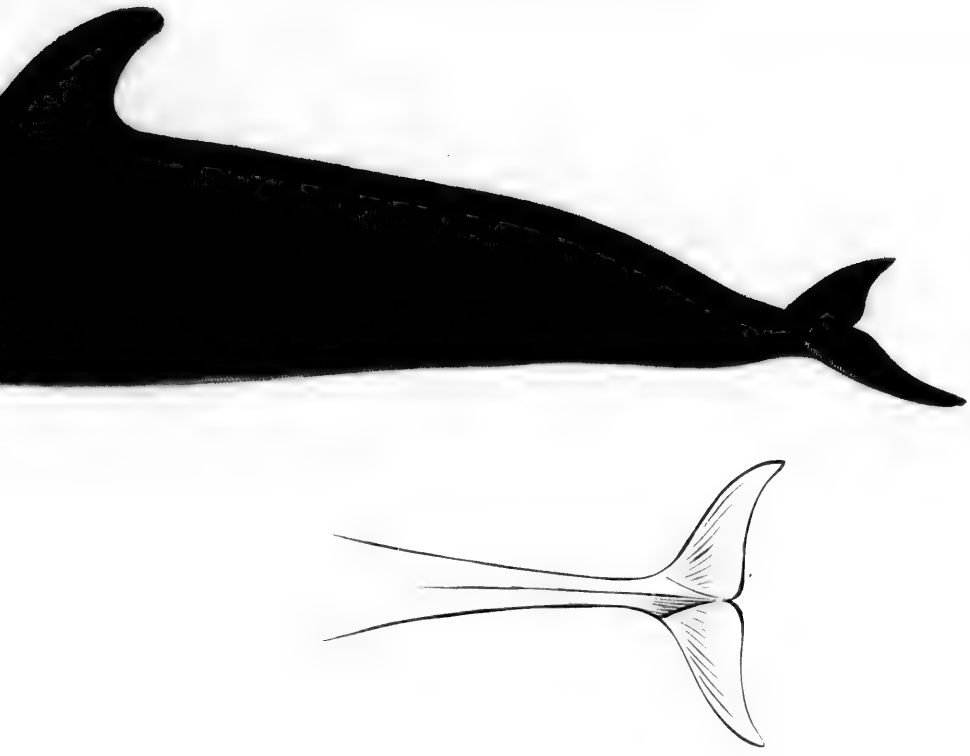




2.

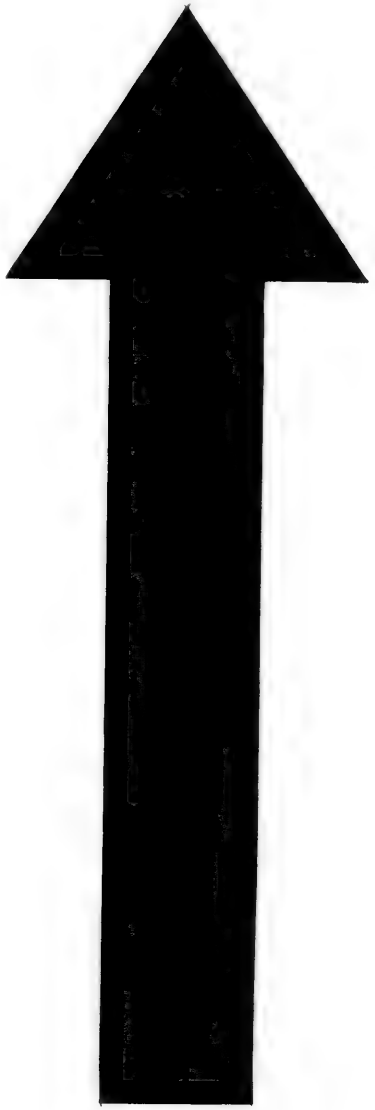
1. . Delphinus albimanus. Peale. 2.

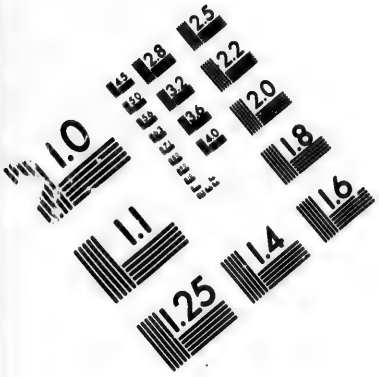
*T. R. Peale del.*

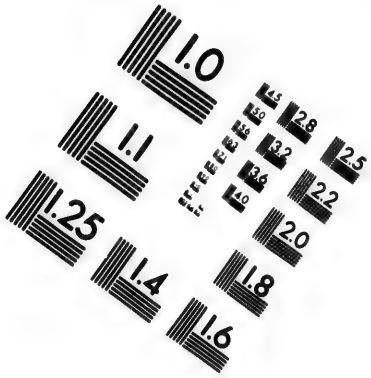


2. Lagenorhynchus coeruleoalbus. Meyen.

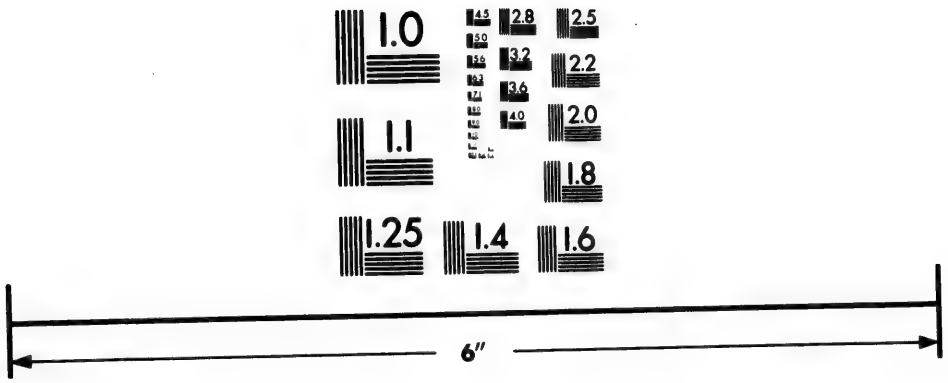
*W. H. Dougal Sc.*

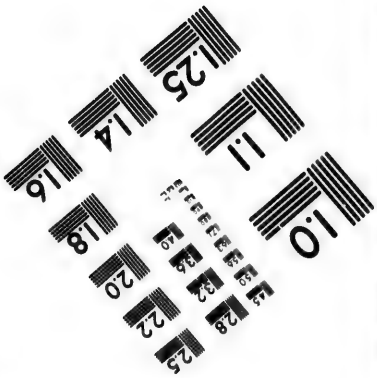




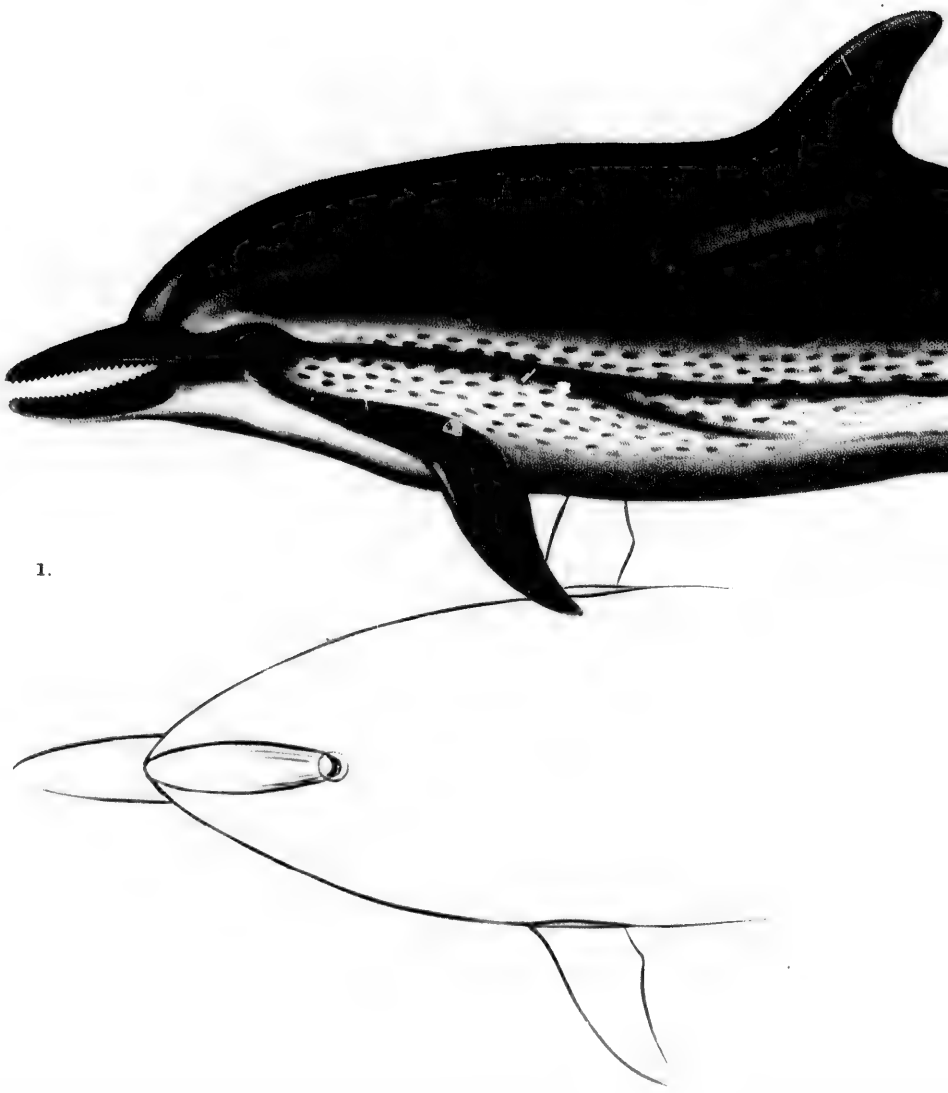

# IMAGE EVALUATION TEST TARGET (MT-3)



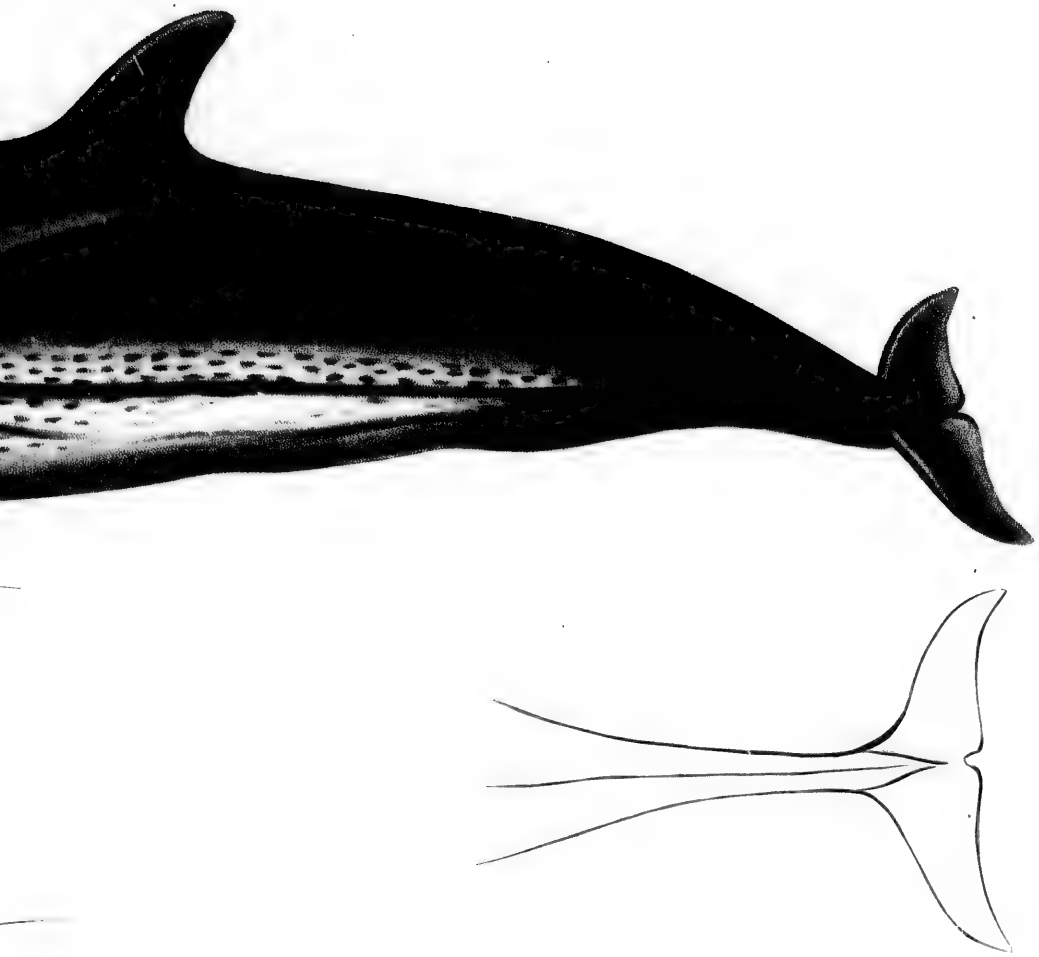


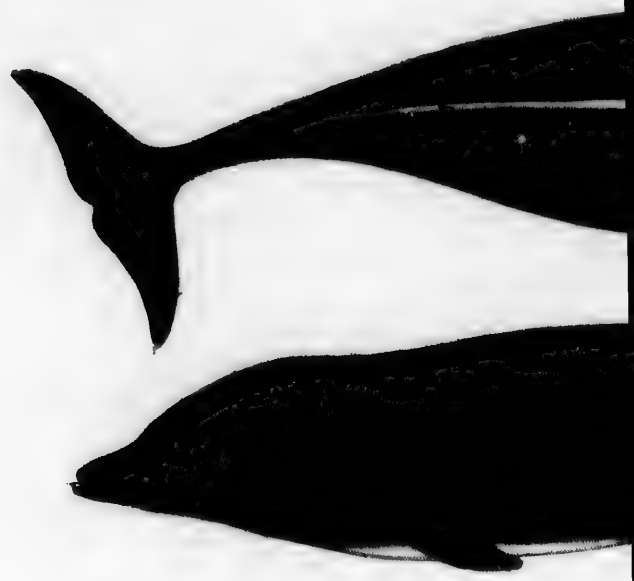

Photographic Sciences Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503



1.

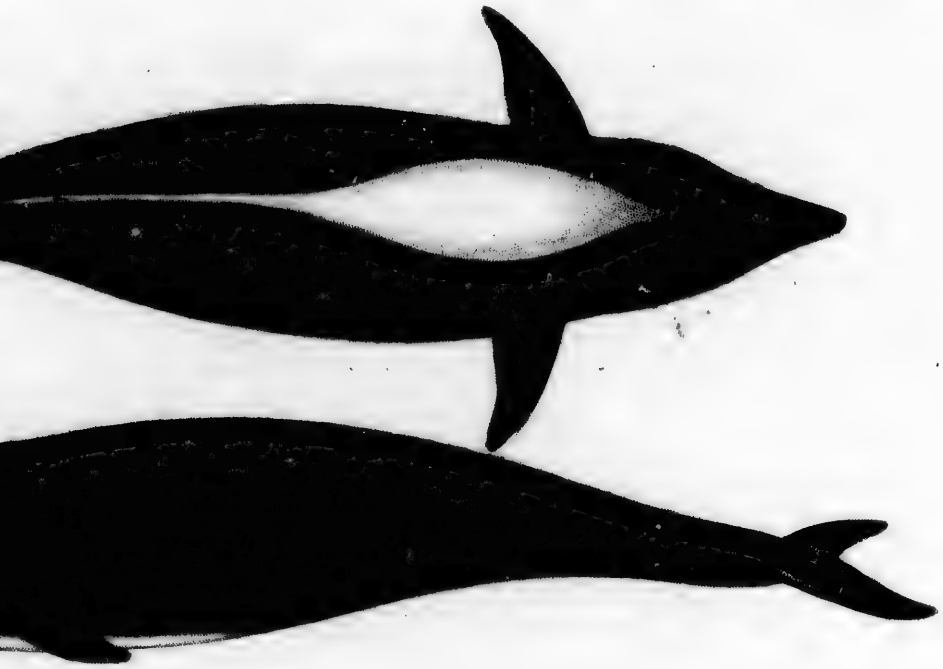




2.

1. Lagenorhynchus lateralis. Peale.

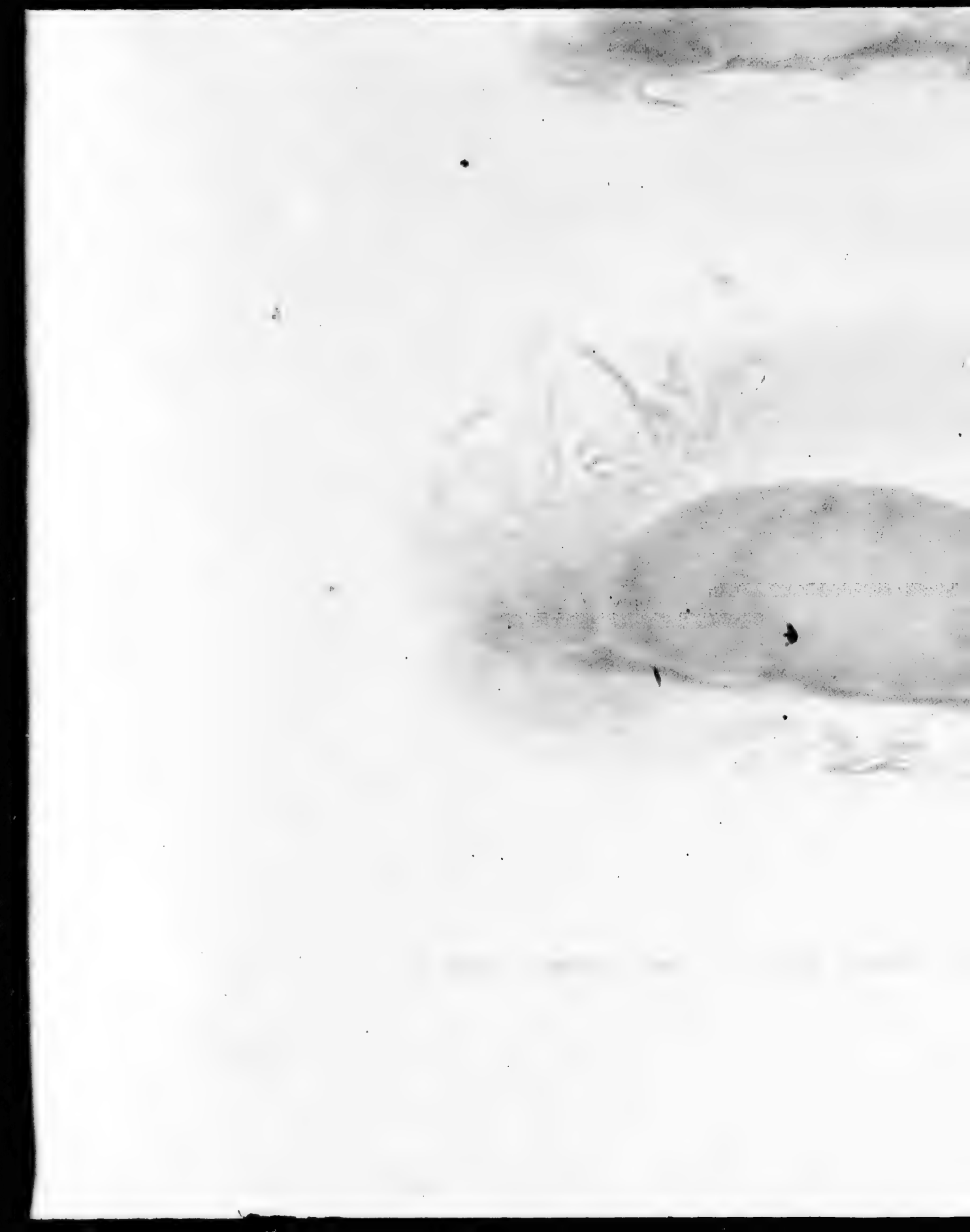
*T. R. Peale del.*



Peale.

2. Delphinus borealis. Peale.

*W. H. Dougal Sc.*

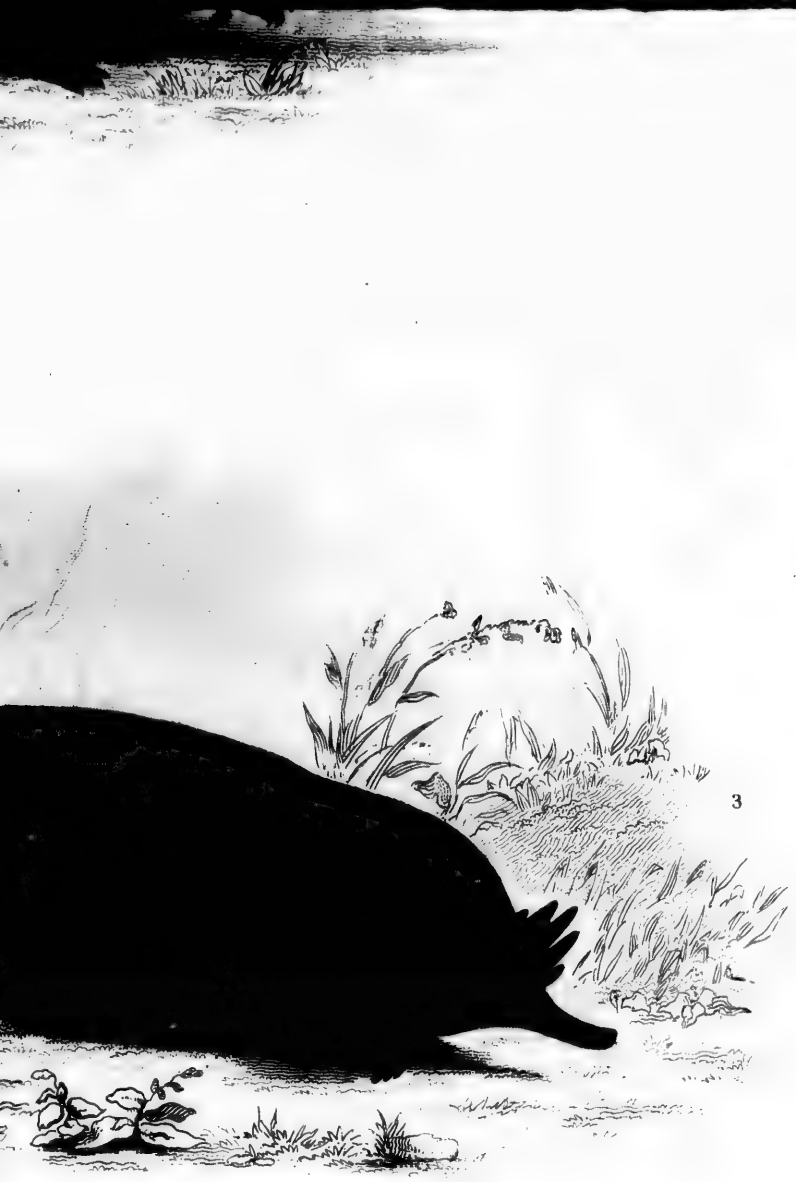


1

2

1 Arvicola californica. Peale. 2 Arvicola occidentalis.

*C White del*




la occidentalis. Peale. 3 Scalops æneus, Cassin.

Dougal sc

Sciurus f

*T. R. Peale del*

Sciurus fossor. Peale.

*J. H. Arnold Sc.*

Cervus macrotis. Say.

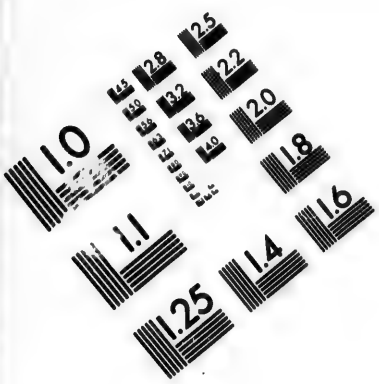
*T. R. Peale del*

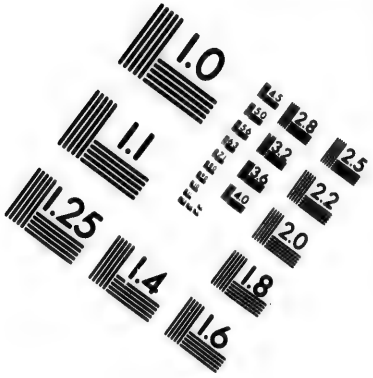
Cervus macrotis. S

*T. R. Peale del*

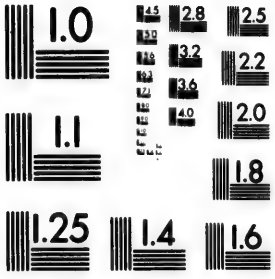
ervus macrotis. Say.

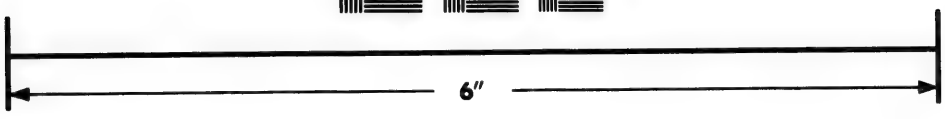
Rawdon, Wright, Hatch & Edson Sc.

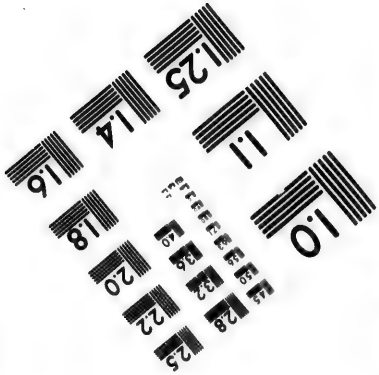



# IMAGE EVALUATION TEST TARGET (MT-3)






Photographic Sciences Corporation

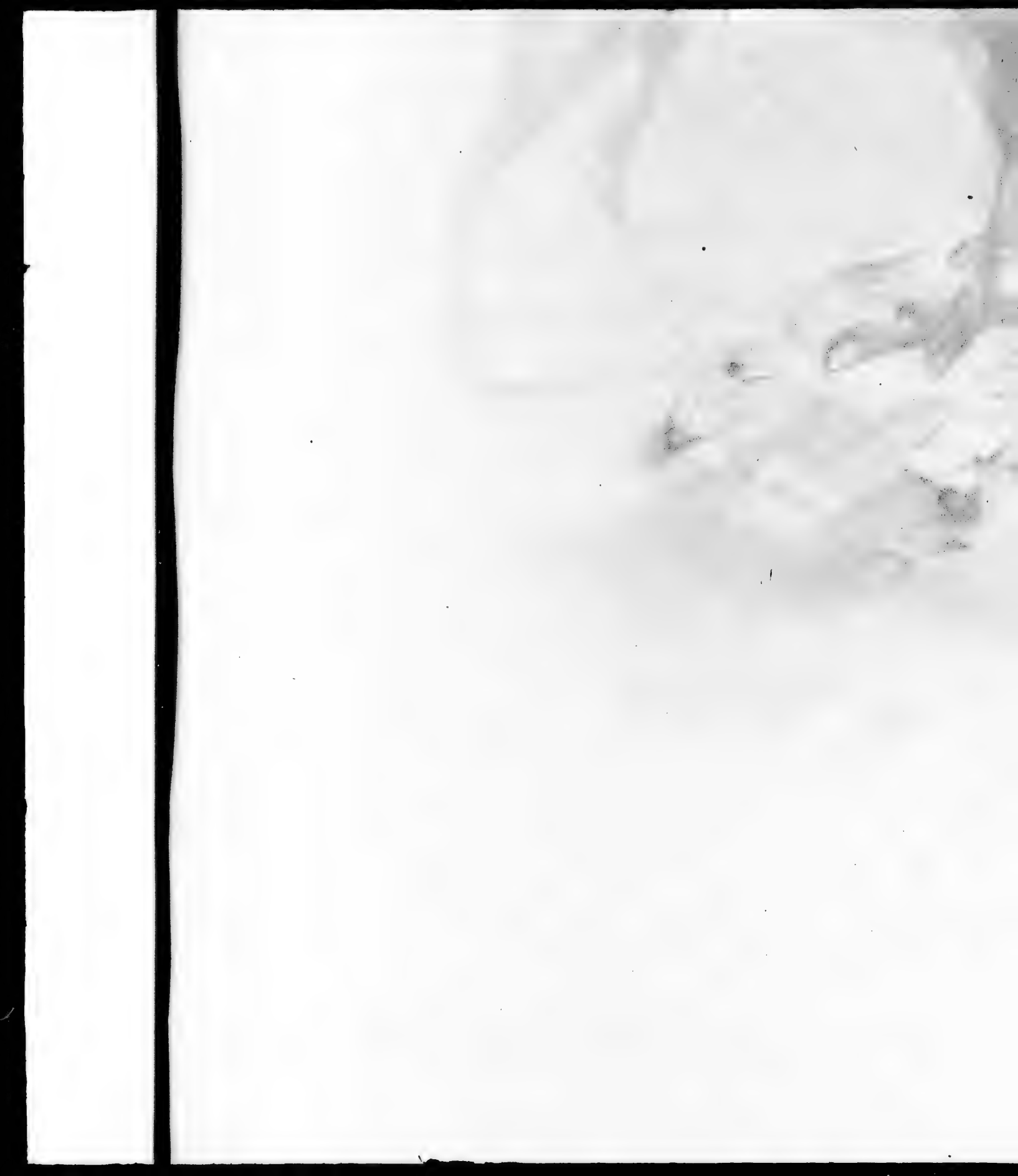
23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

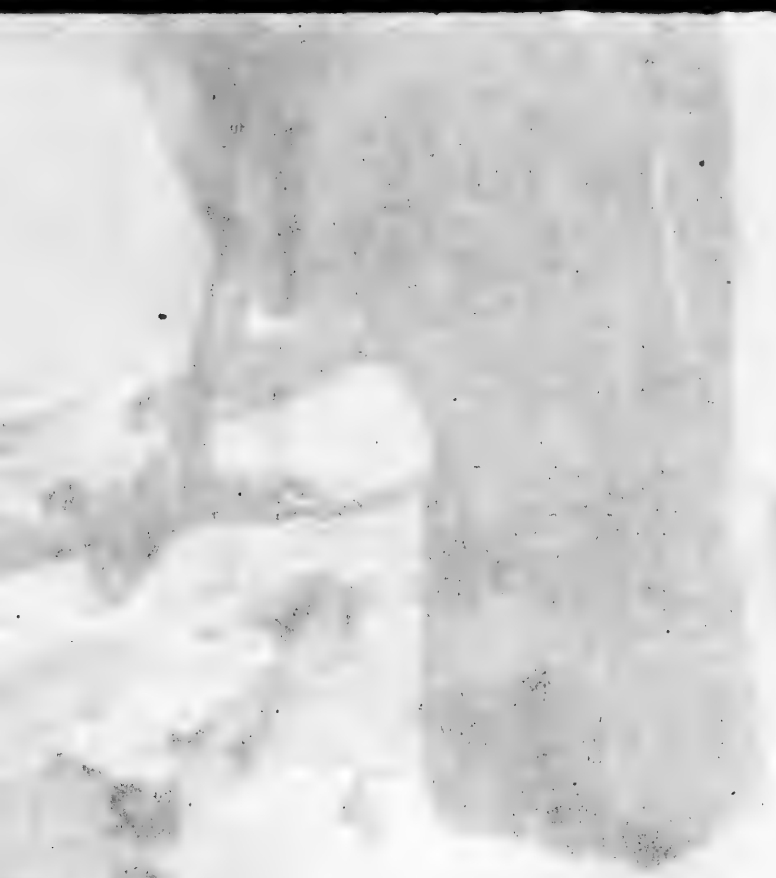
Cervus Lewisi

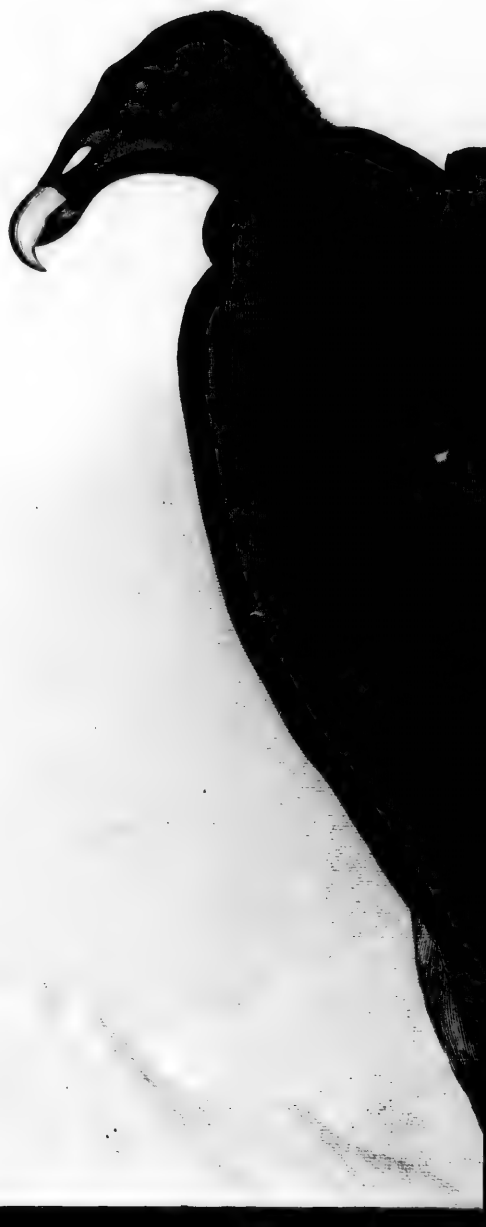
*T.R.Peale del*

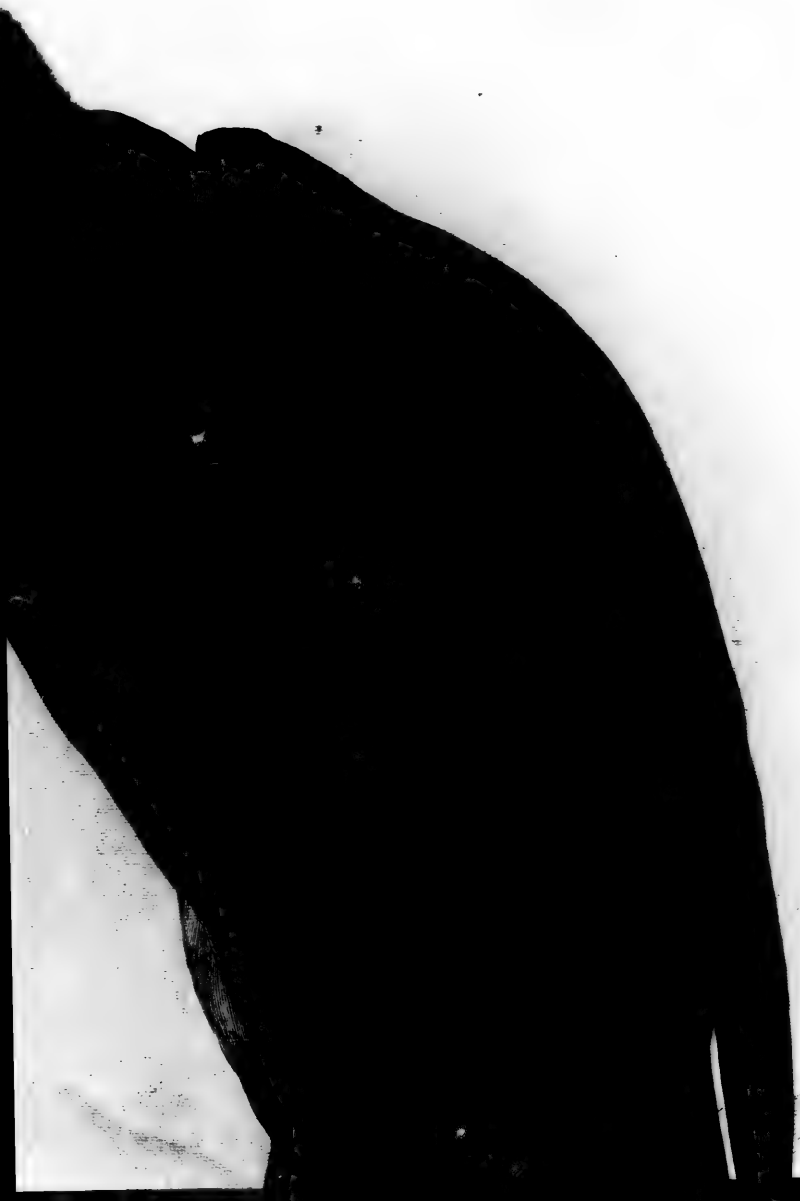
Cervus Lewisii. Peale.

*Rawdon, Wright Hatch & Edson N.Y. sc.*









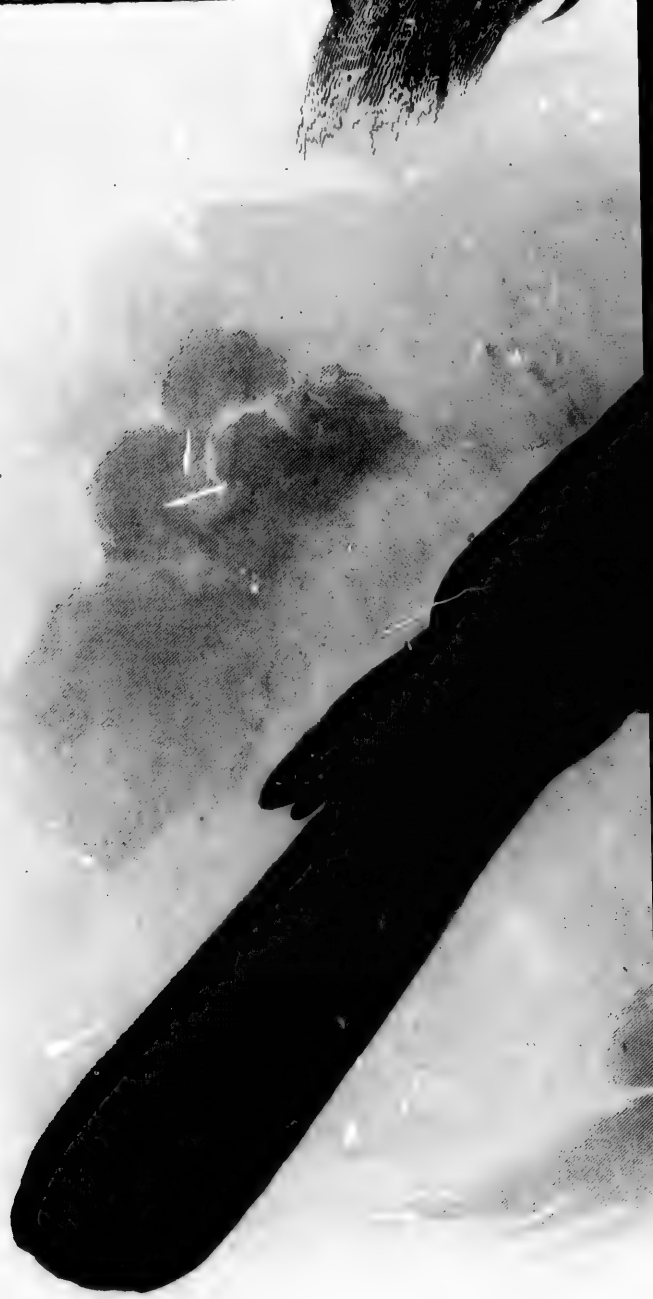
Cathartes jo

*G. G. White del.*

Natural size

Cathartes jota, (Molina.

*Dougal sc.*



Accipiter ru

1. *Adult Female.*

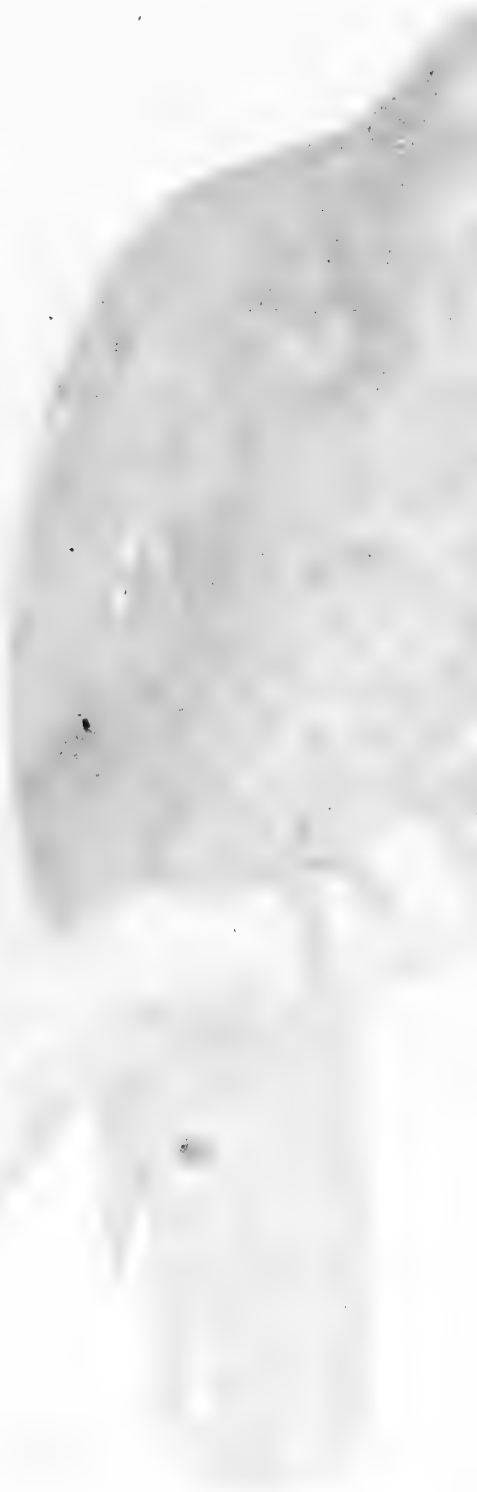
*W.Peale del.*

2

**Accipiter rufitorques.** (Peale.)

*Female.* *2. Young Male.*

*Rawdon, Wright, Hatch & Edson sc*



*U. S. Exploring Expedition.*

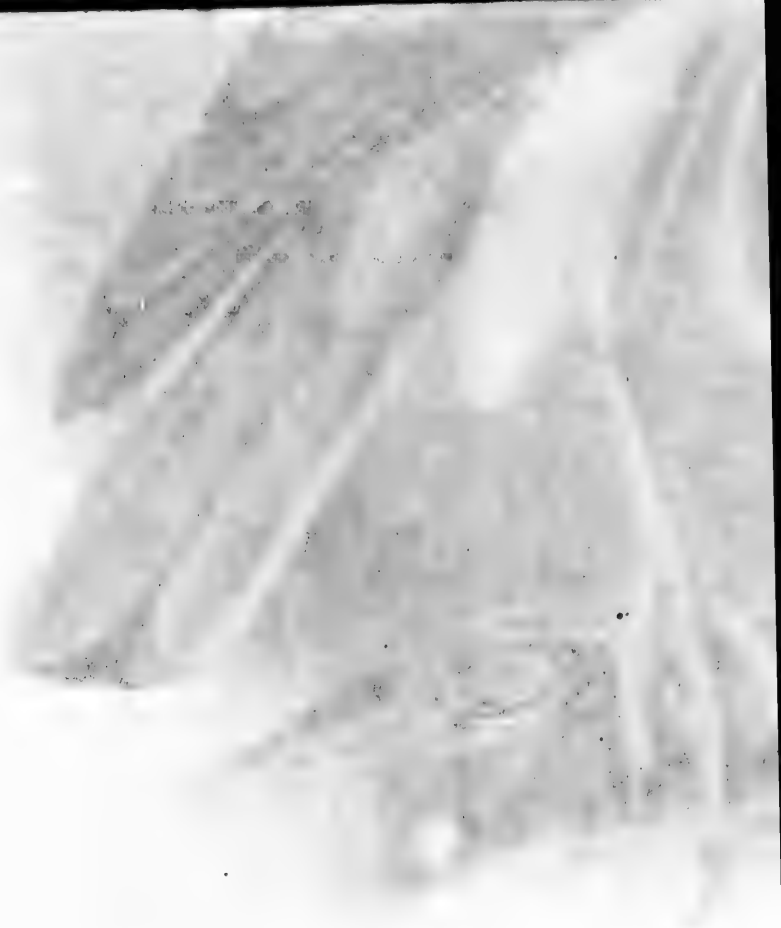
1. Buteo varius. Gould.

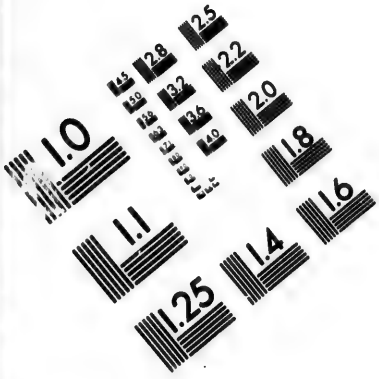
*G.G. White del.*

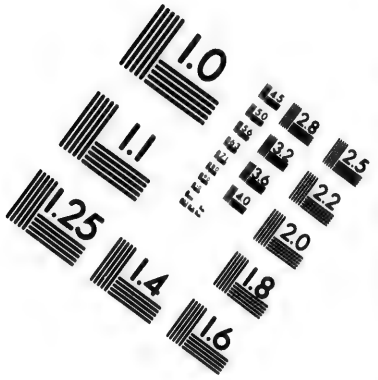
½ Nat. Size

2. Buteo ventralis, Gould.

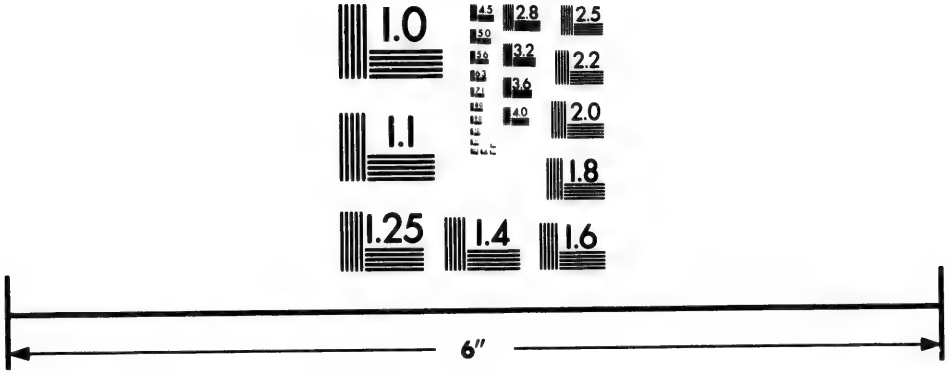
*Dougal sc.*

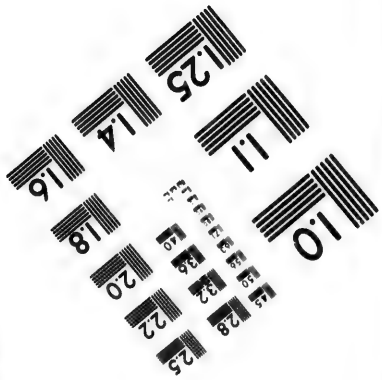





# IMAGE EVALUATION TEST TARGET (MT-3)






Photographic Sciences Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

⅝ Nat. si

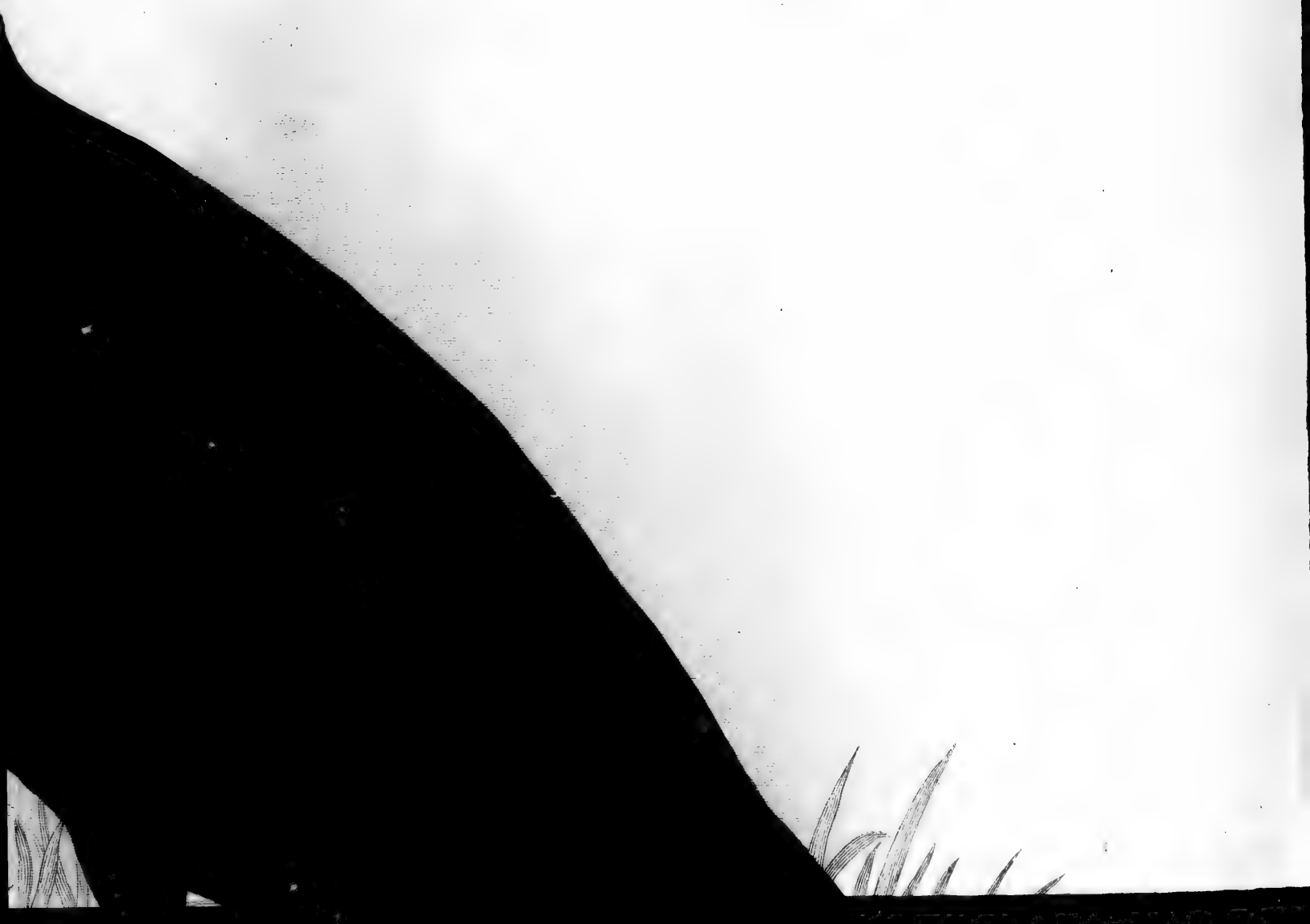
Pandion solitar

T.R.Peale del.

⅜ Nat. size

Pandion solitarius. (Peale.)

*Dougal sc.*



Corvus ruf

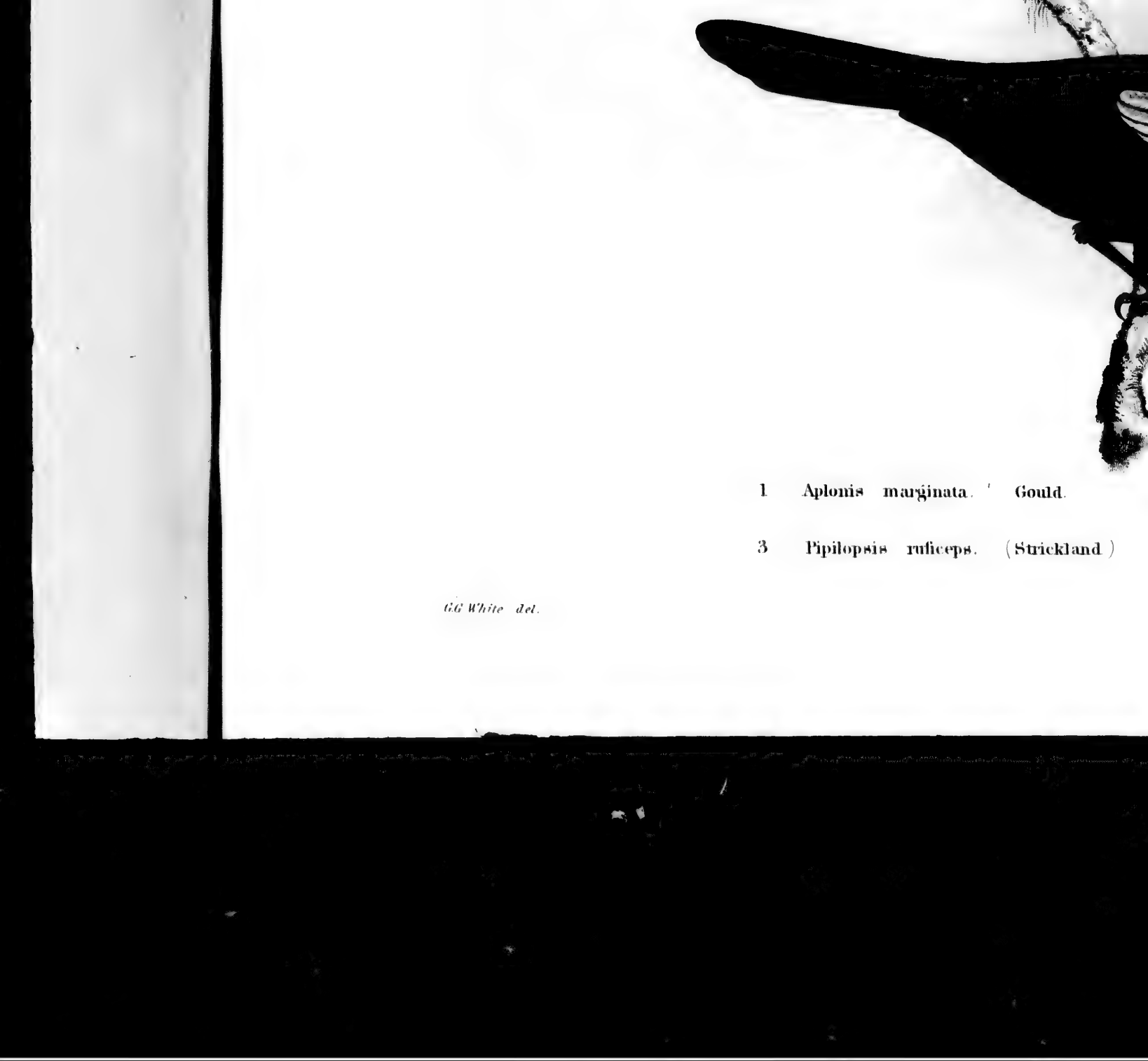
*G. G. White del.*

Corvus ruficollis. Lesson.

Bougal sc.

*T.B.Peale del.*

W.H.Dougal Sc.



1 Aplonis marginata. Gould.

3 Pipilopsis ruficeps. (Strickland.)

G.G. White del.

Gould. 2 Aplonis brevirostris. (Peale.)

(Strickland.) 4 Microscelis tristis. (Blyth.)

*Dougal sc.*

1 Aplonis marginata. Gould.

3 Pipilopsis ruficeps. (Strickland.)

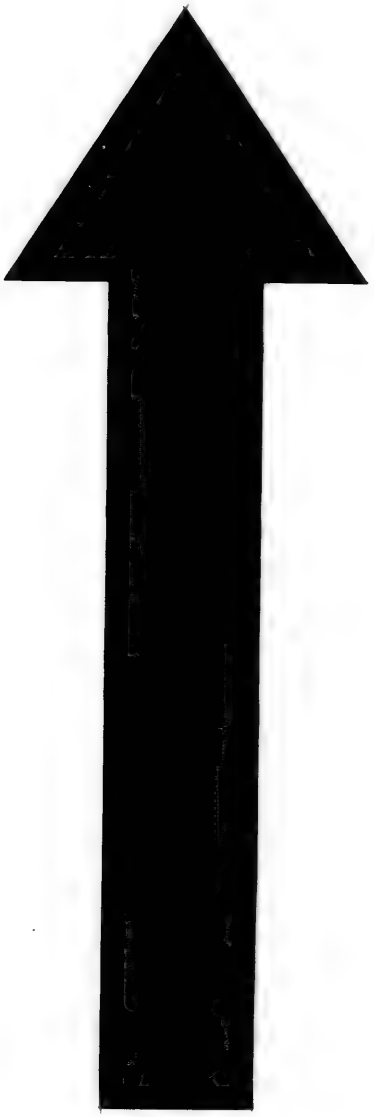
*G.G. White del.*

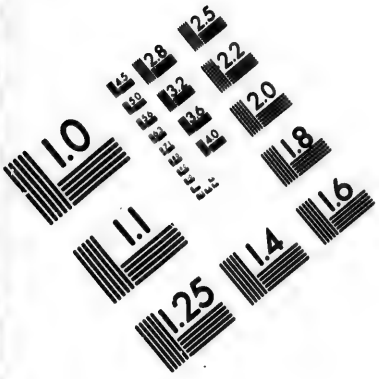
4

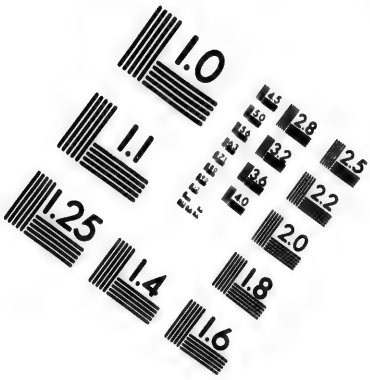
Gould. 2 Aplonis brevirostris. (Peale.)

(Strickland) 4 Microscelis tristis. (Blyth)

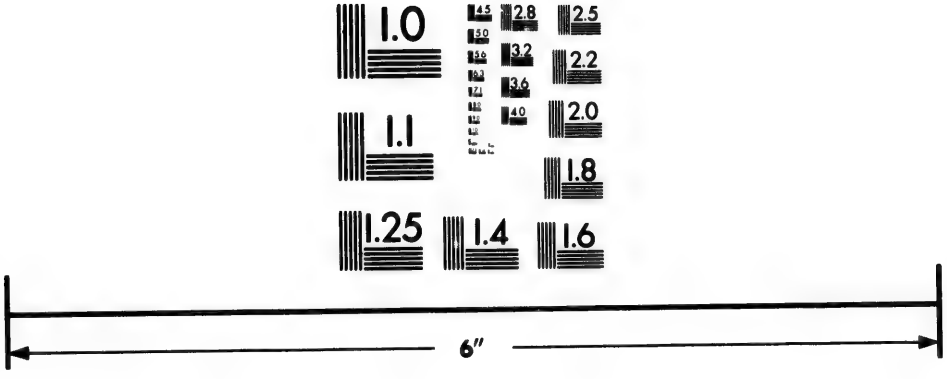
*Dongal sc.*

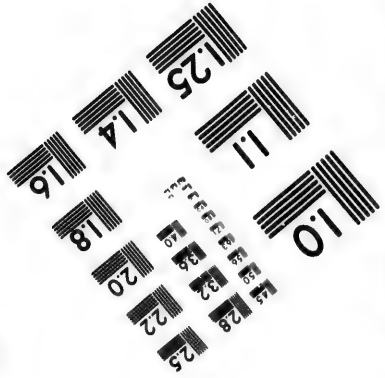




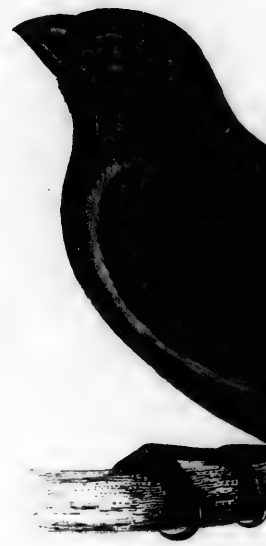

# IMAGE EVALUATION TEST TARGET (MT-3)






Photographic Sciences Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503



1.

2

3.

1. Erythrura Pealei. Hartlaub.

3. Volatini

T.H. Peale del

1. Hartlaub. 2. Erythrura cyaneovirens. (Peale.)

3. Volatinia jacarina. (Linnaeus.)

W.H. Dougal Sc

4

2

1 Muscipeta cyaniceps. Cassin.

3 Taeniopiera obscura. (Gmelin.)

*W.E.Hitchcock del.*

yaniceps. Cassin.

2 Rhipidura nebulosa. Peale

obscura. (Gmelin.)

4 Petroica pusilla. Peale.

*Dongal sc*

4

2

4
3

1. Eopsaltria flavifrons. Peale.

3. Eopsaltria icteroides. Peale.

*G.G.White del.*

vifrons. Peale.

roides. Peale.

2. Eopsaltria albifrons. Peale.

4. Zosterops flaviceps. Peale.

*Dougal sc.*

1. Mohoa angustipluma. (Peale.)

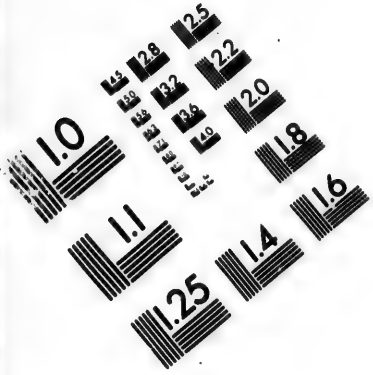
*T.R.Peale del.*

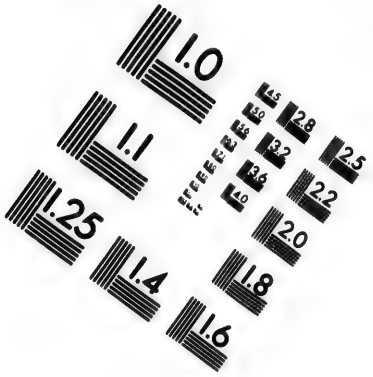
2

(Peale.)

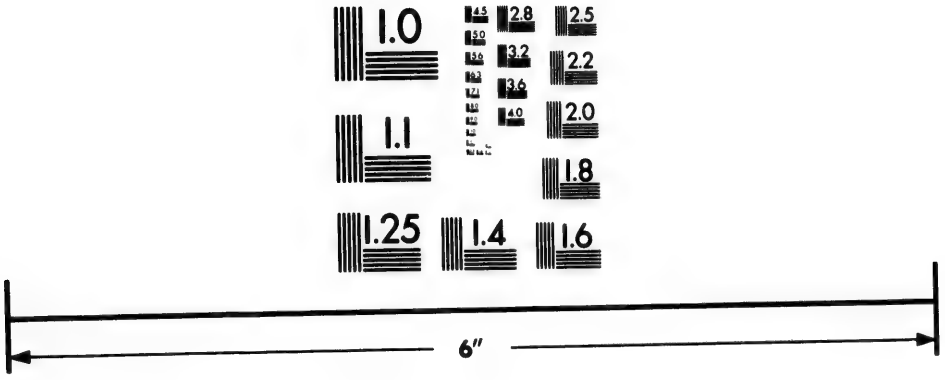
2. Leptornis samoensis. (Homb. & Jacq.)

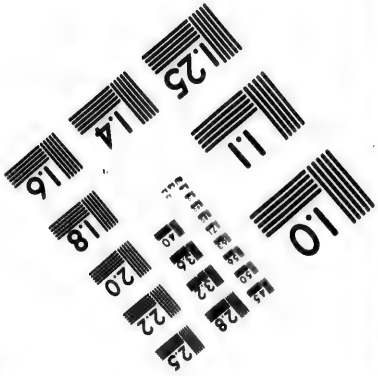
W.G.Newton Sc.




# IMAGE EVALUATION TEST TARGET (MT-3)






Photographic Sciences Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

1

2

1

2

3

1 Myzomela nigriventris Peale.

3 Collocalia spodiopygia Peale.

W.F.Hitchcock del.

ıtris Peale. 2 Myzomela jugularis Peale.

gia (Peale.) 4 Collocalia cinerea (Gmelin)

*Dougal sc.*

1

1 Stenopsis parvulus (Gould)

G G White del.

us (Gould) 2 Stenopsis longirostris. (Bonaparte)

Dougal sc

Nyctibius

*G.G. White del.*

Nyctibius æthereus. (De Wied.)

Dougal sc.

2

1

2
1
3

**Todiramphus tuta.**

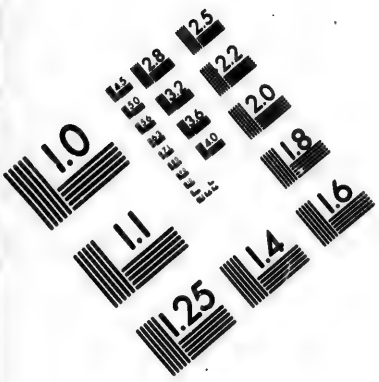
*1. Adult.* *2. Young.*

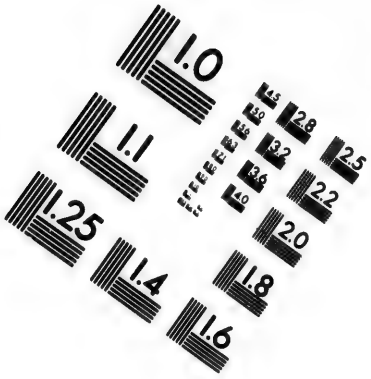
*G.G White del*

**Todiramphus tuta. (Gmelin.)**

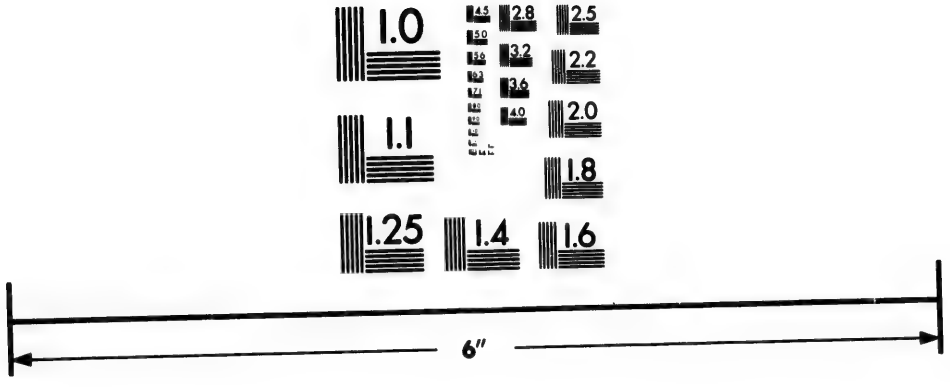
*2. Young.* *3. Younger*

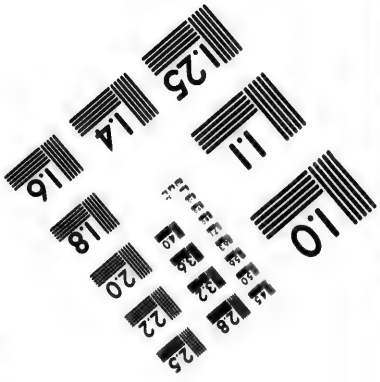
*Dongal sc.*



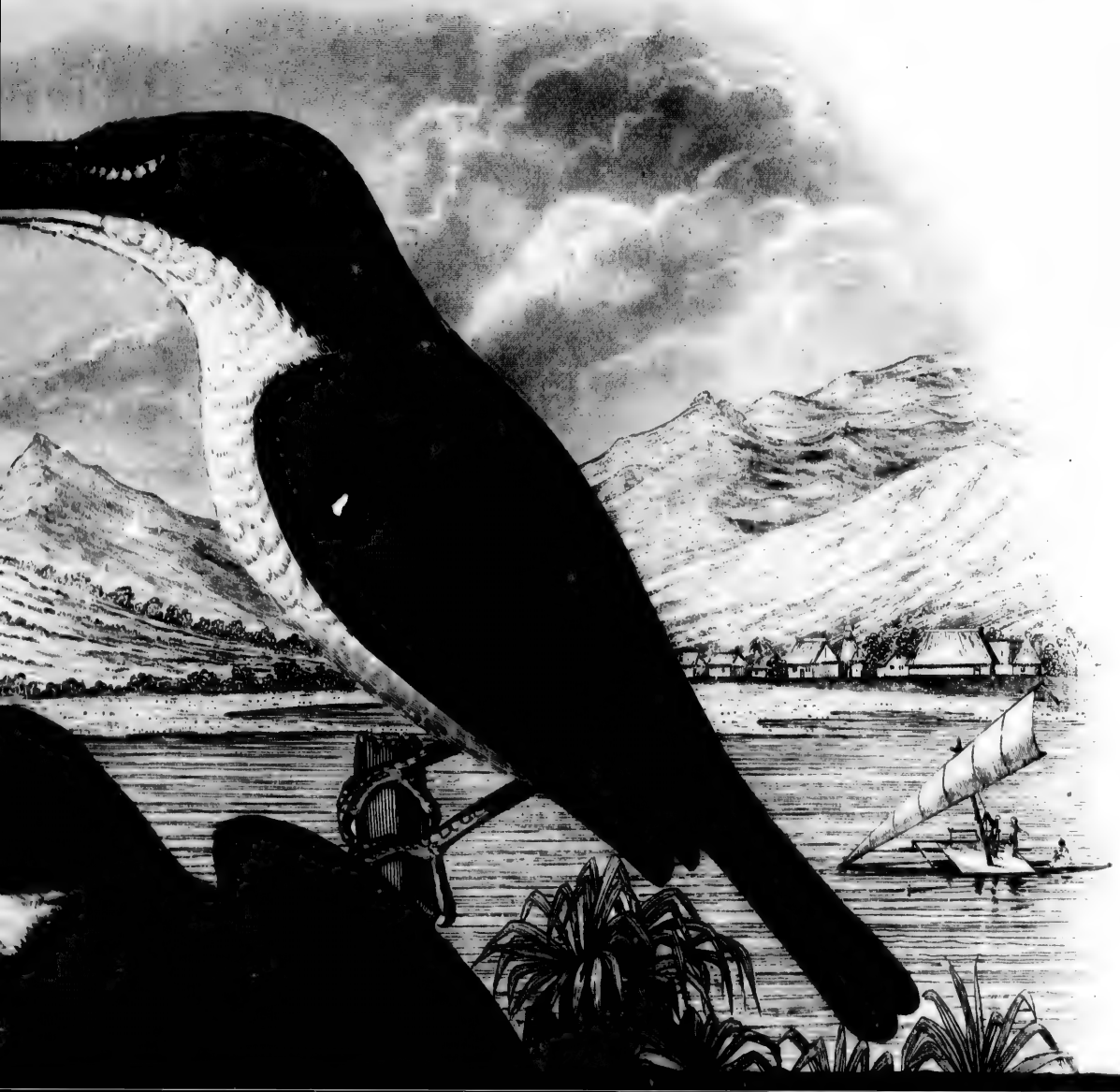

# IMAGE EVALUATION TEST TARGET (MT-3)






Photographic Sciences Corporation

33 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503



2.

Todiramphus vitie

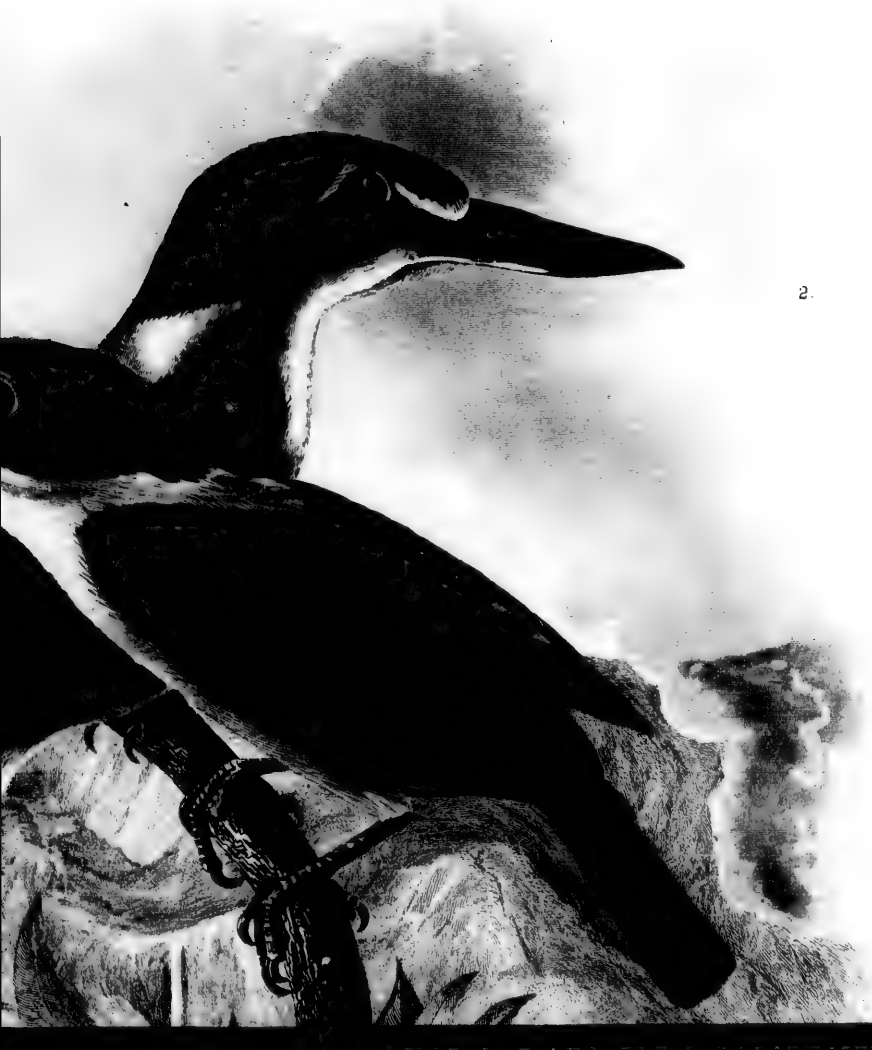
1. adult. ♂

*J.R.Peale del.*

Todiramphus vitiensis. (Peale.)

1. adult. 2. young.

W.H.Dongal Sc



2.

1.

Todiramphus re

1.

*T.H.Peale del .*

Todiramphus recurvirostris. Lafresnaye.

1. adult. 2. young.

*Hüsheuvel Nr*

2

1

3

**Todiramphus divi**

*1. Adult male.* *2. Adu*

*G.G. White del.*

Todiramphus divinus. Lesson.

*le.* 2. *Adult female.* 3. *Young.*

*Dougal sc.*

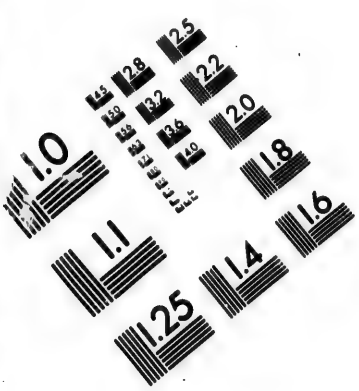
1

1 Todiramphus occipitalis Blyth.

*E. Sheppard del.*

ɔitalis Blyth. 2 Todiramphus coronatus Müller.

*Dougal sc.*



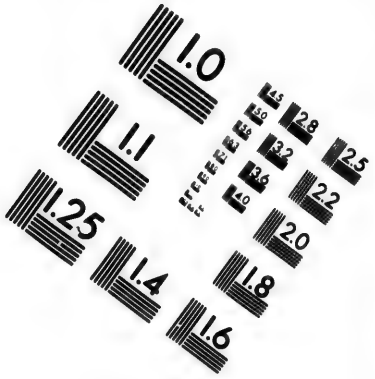
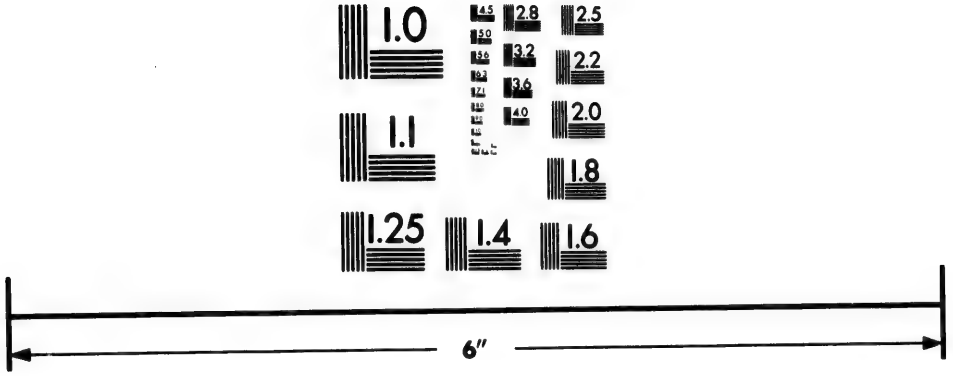
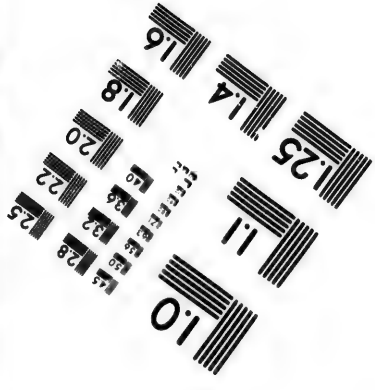
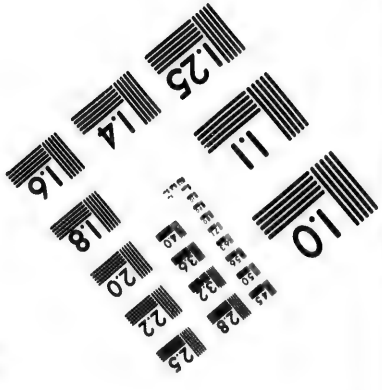




**IMAGE EVALUATION**
**TEST TARGET (MT-3)**




Photographic Sciences Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

2.8
2.5
2.2
2.0
1.8
1.1
1.0

*U.S.Exploring Expedition.*

1

1. Aprosmictus splendens. (Peale.)

*T.R.Peale del.*

endens. (Peale.)

2. Aprosmictus personatus. (G.R.Gray.)

T.House sc

1.

2.

1. Cuculus tenuirostris. Lesson.

*P.E.Poate del.*

esson.

2. Cuculus simus. Peale.

M. Bac. Sc.

1. Centropus melanops. Lesson.

*J. R. Peale del.*

son.

2. Eudynamys tahitius. (Gmelin.)

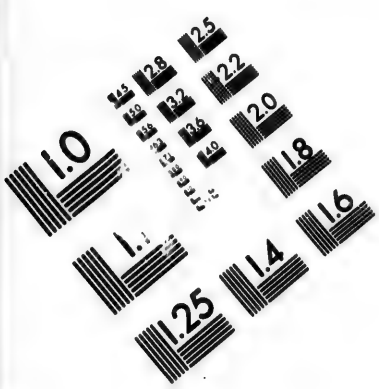
Rawdon, Wright, Hatch & Edson sc.

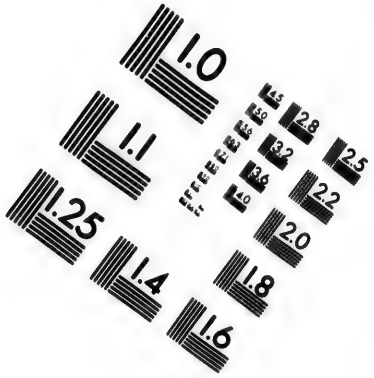
Columba cas

*T.R.Peale del.*

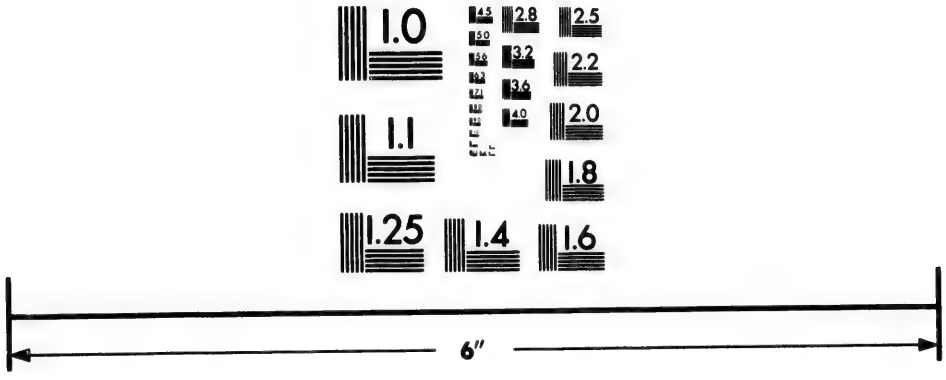
Columba castaneiceps. Peale.

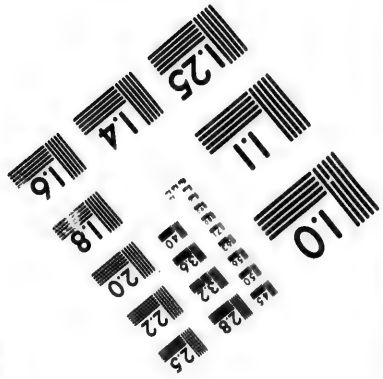
W.H.Dougal sc.




# IMAGE EVALUATION TEST TARGET (MT-3)






Photographic Sciences Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

Carpophag

*T.R.Peale del.*

Carpophaga auroræ. Peale.

W.H.Dougal sc.

Carpophaga W

*T.H.Peale del.*

Carpophaga Wilkesii. Peale.

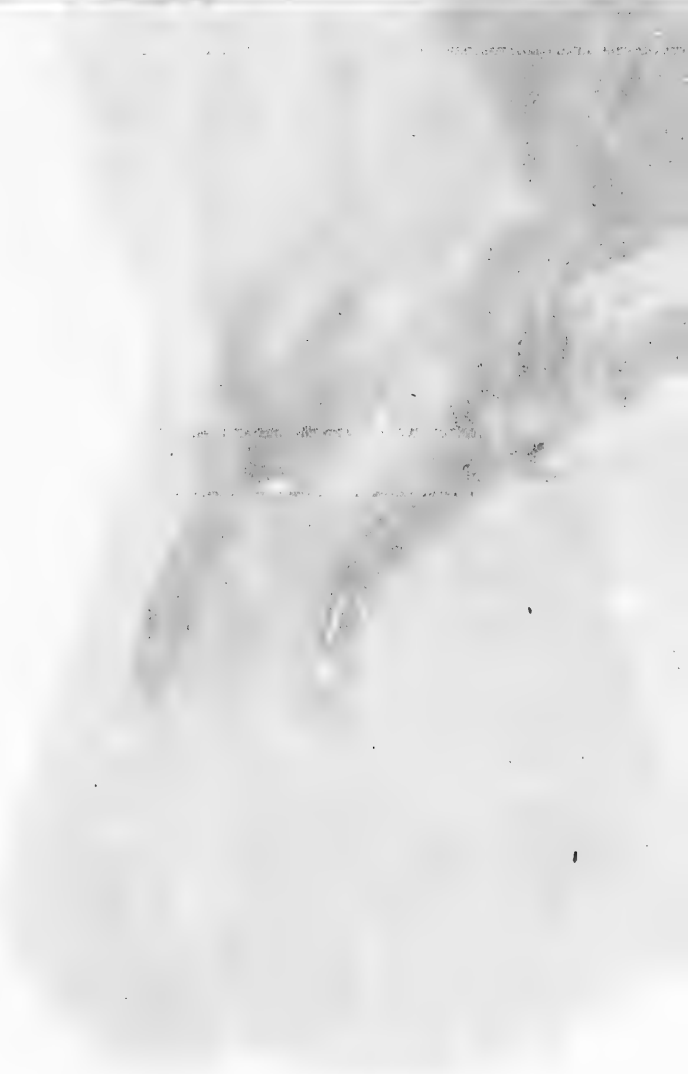
*Hinshelwood sc.*

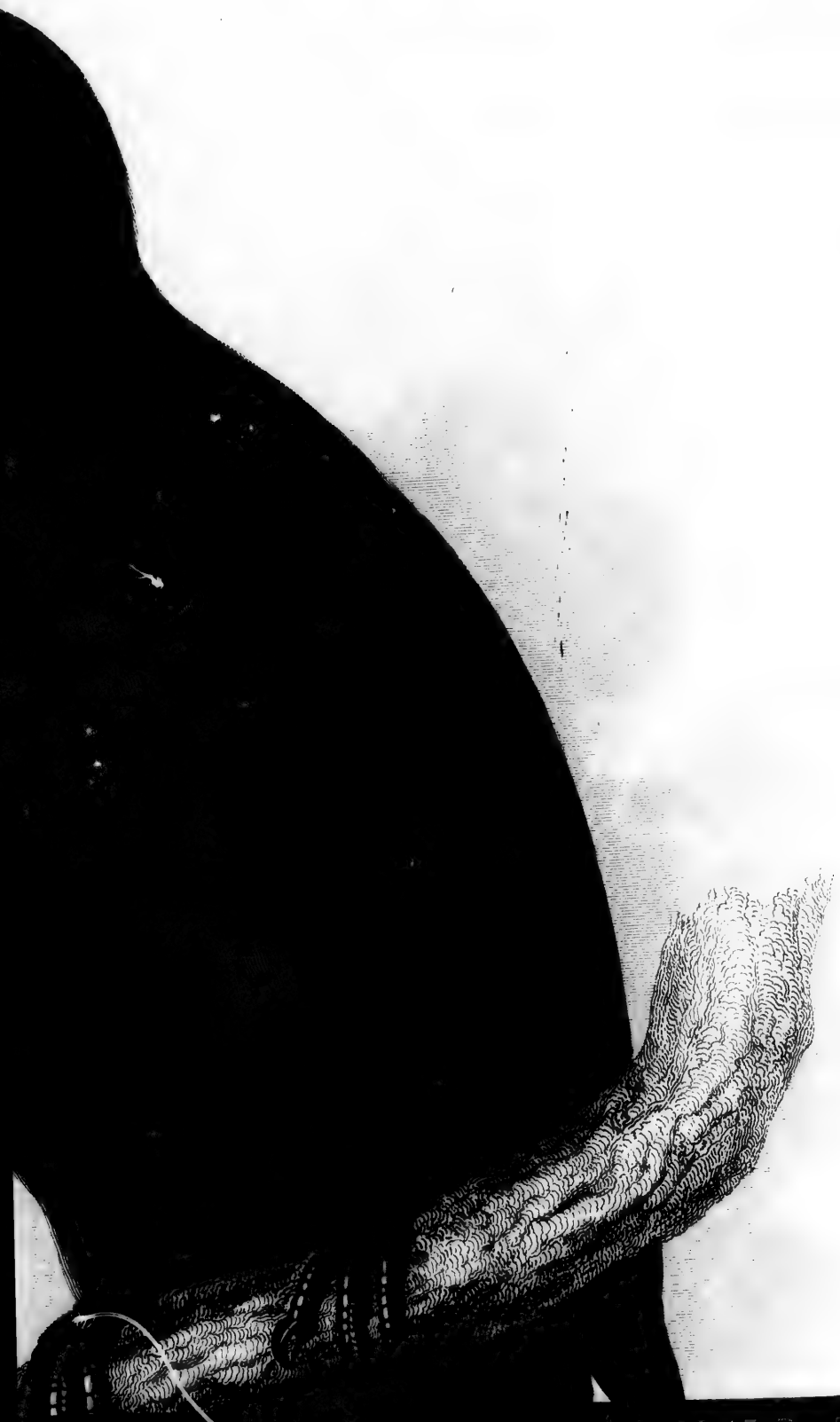
Carpophaga

T.R Veale del.

Carpophaga latrans. Peale.

W.H.Dougal sc.



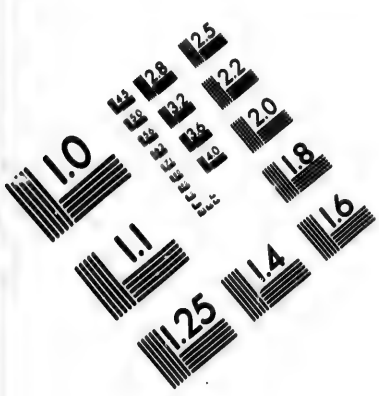


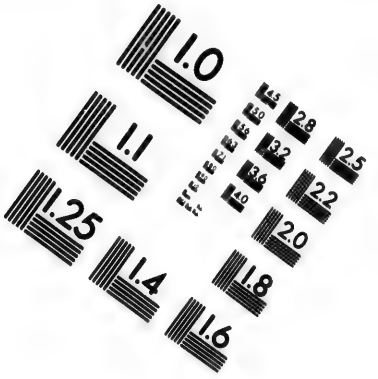
Carpophaga F

*E.Sheppard del.*

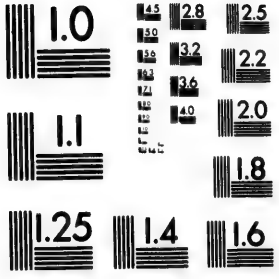
Carpophaga Pickeringii. Cassin.

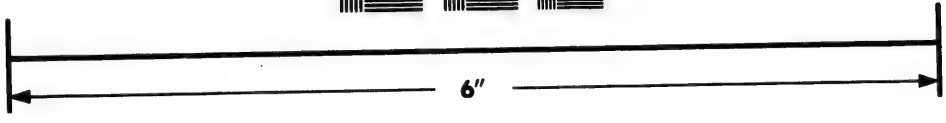
*Bougal* sc

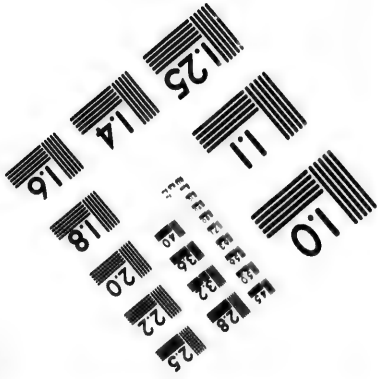



# IMAGE EVALUATION TEST TARGET (MT-3)






Photographic Sciences Corporation

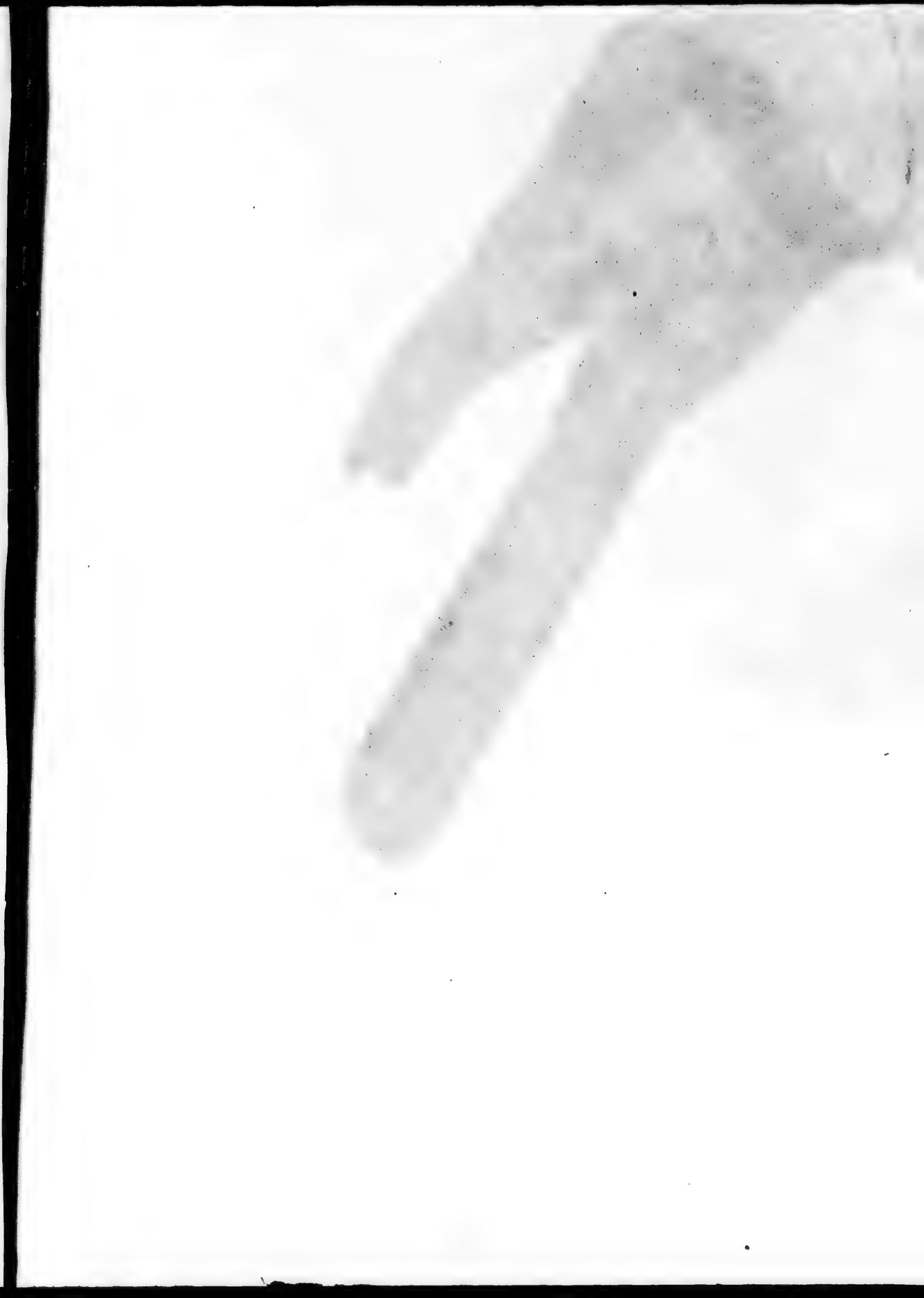
23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

Carpopl

*T.H. Peale del.*

Carpophaga bicolor. (Scopoli.)

W.G.Newton sc



Carpophaga micr

*E. Sheppard del.*

Carpophaga microcera. (Bonaparte.)

*Dougal sc.*

Ptilonopus p

*T.W.Peale del.*

Ptilonopus purpuratus. (Gmelin.)

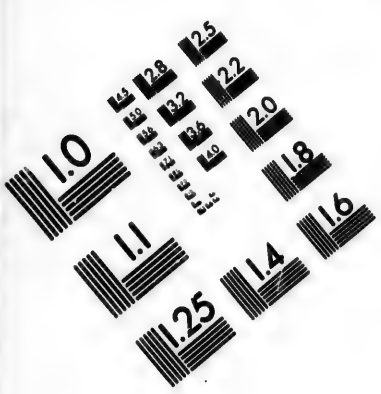
J. Rolph sc.

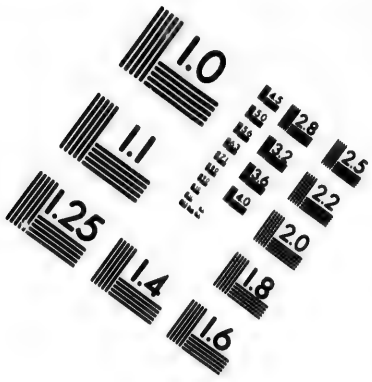
Ptilonopus

*T.R.Peale del.*

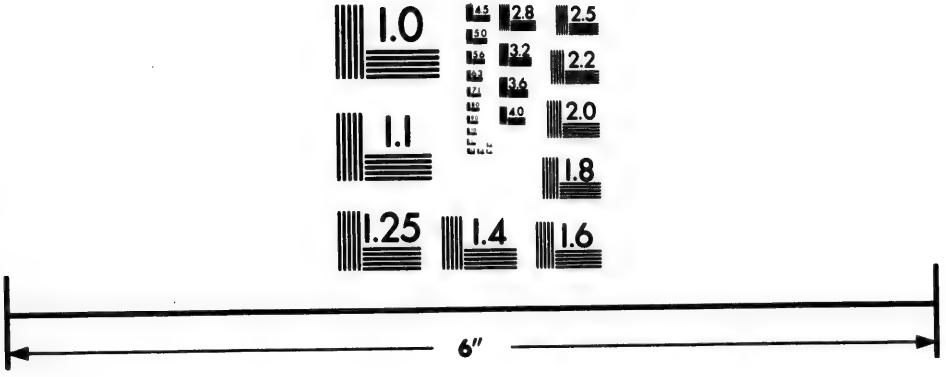
Ptilonopus fasciatus. Peale.

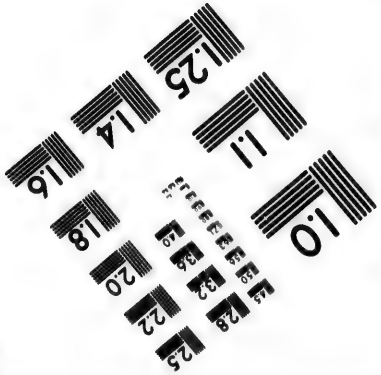
J.Rolph sc.




# IMAGE EVALUATION TEST TARGET (MT-3)






Photographic Sciences Corporation

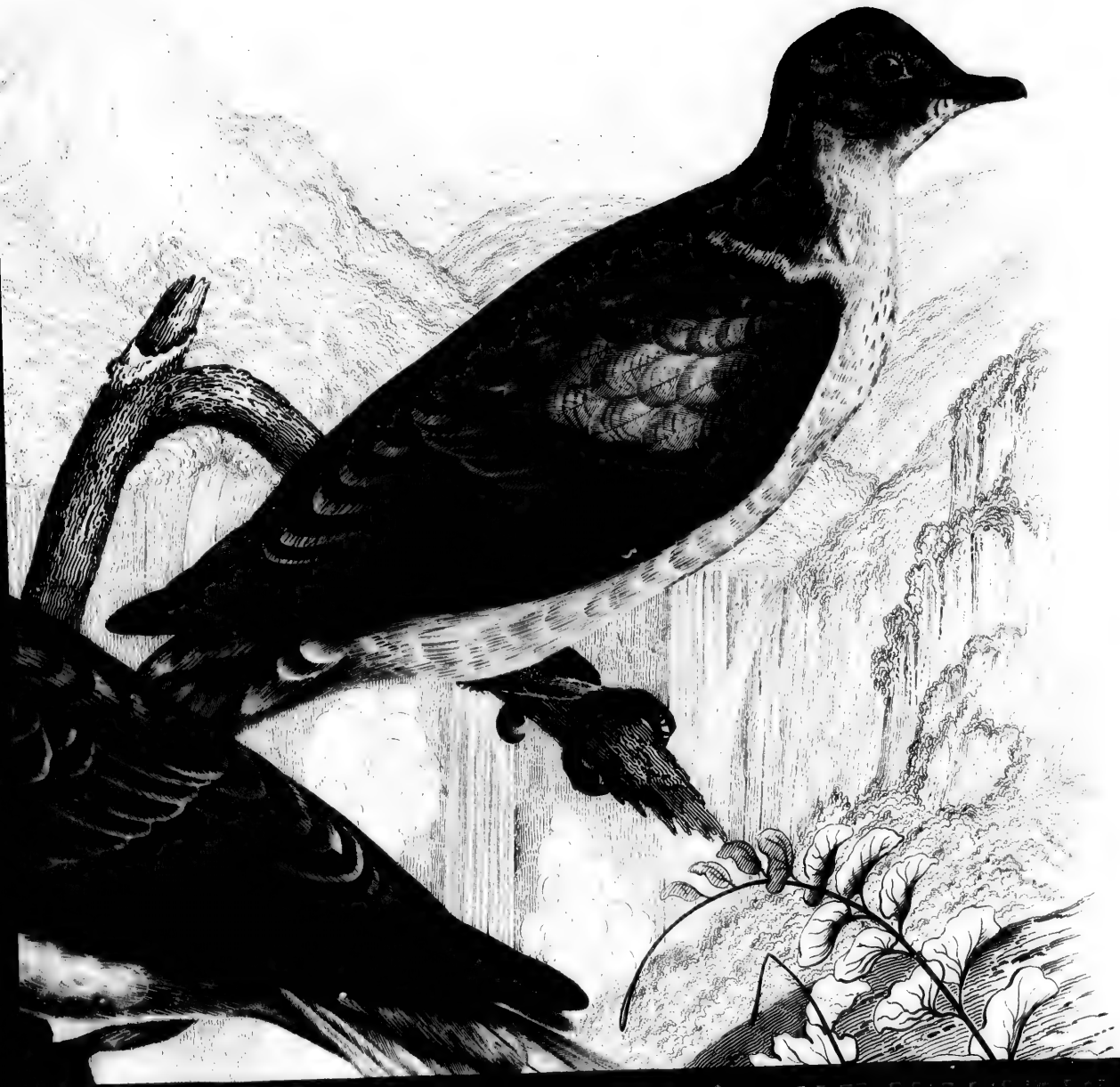
23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

Ptilonopus

*T.H.Fowle del.*

Ptilonopus coralensis. Peale.

*Mc. Rae sc.*



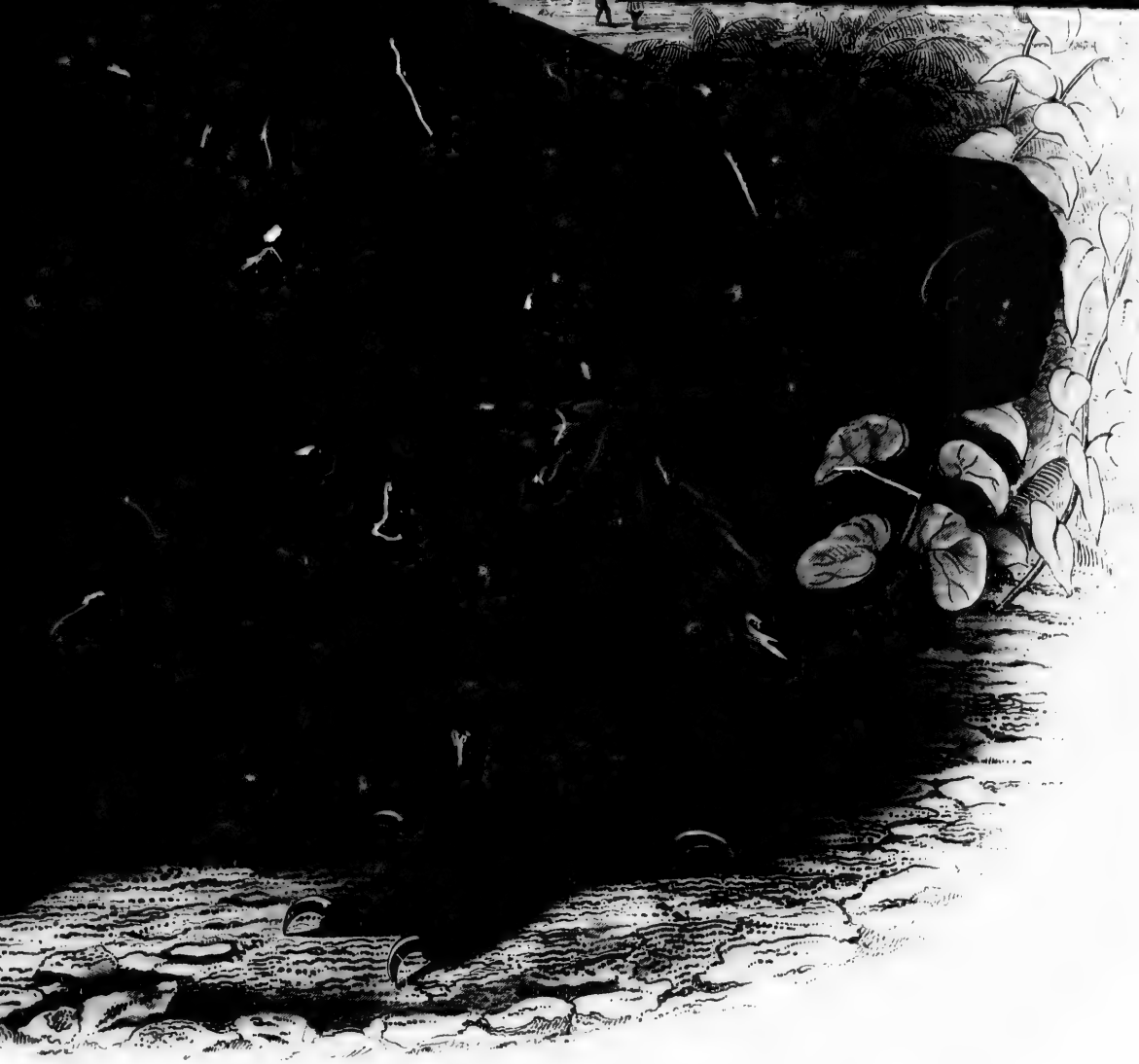
Ptilonopus

*W.H.Pearle del.*

Ptilonopus Perousei. Peale.

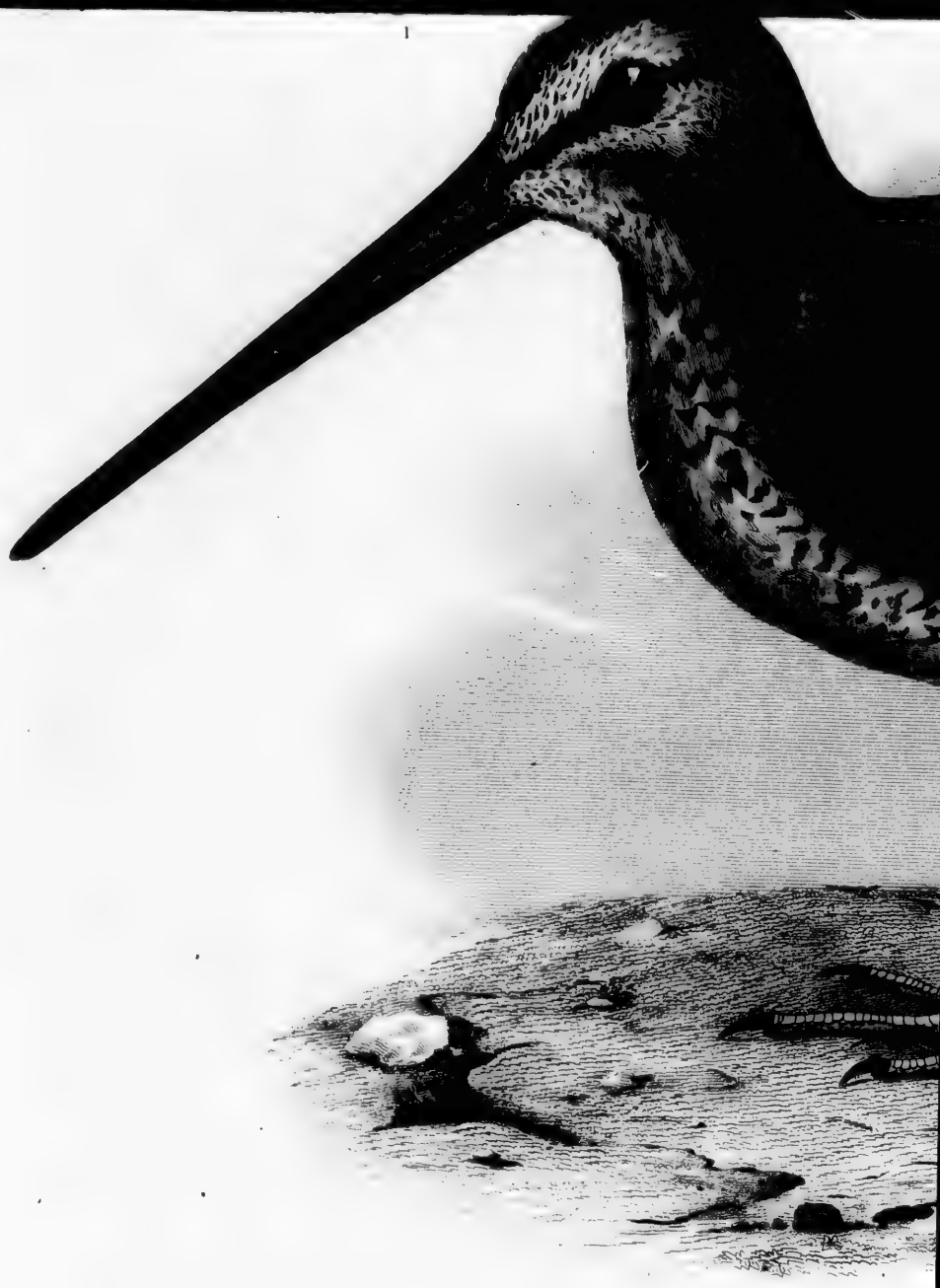
Pleiodus

*T.R.Peale del.*



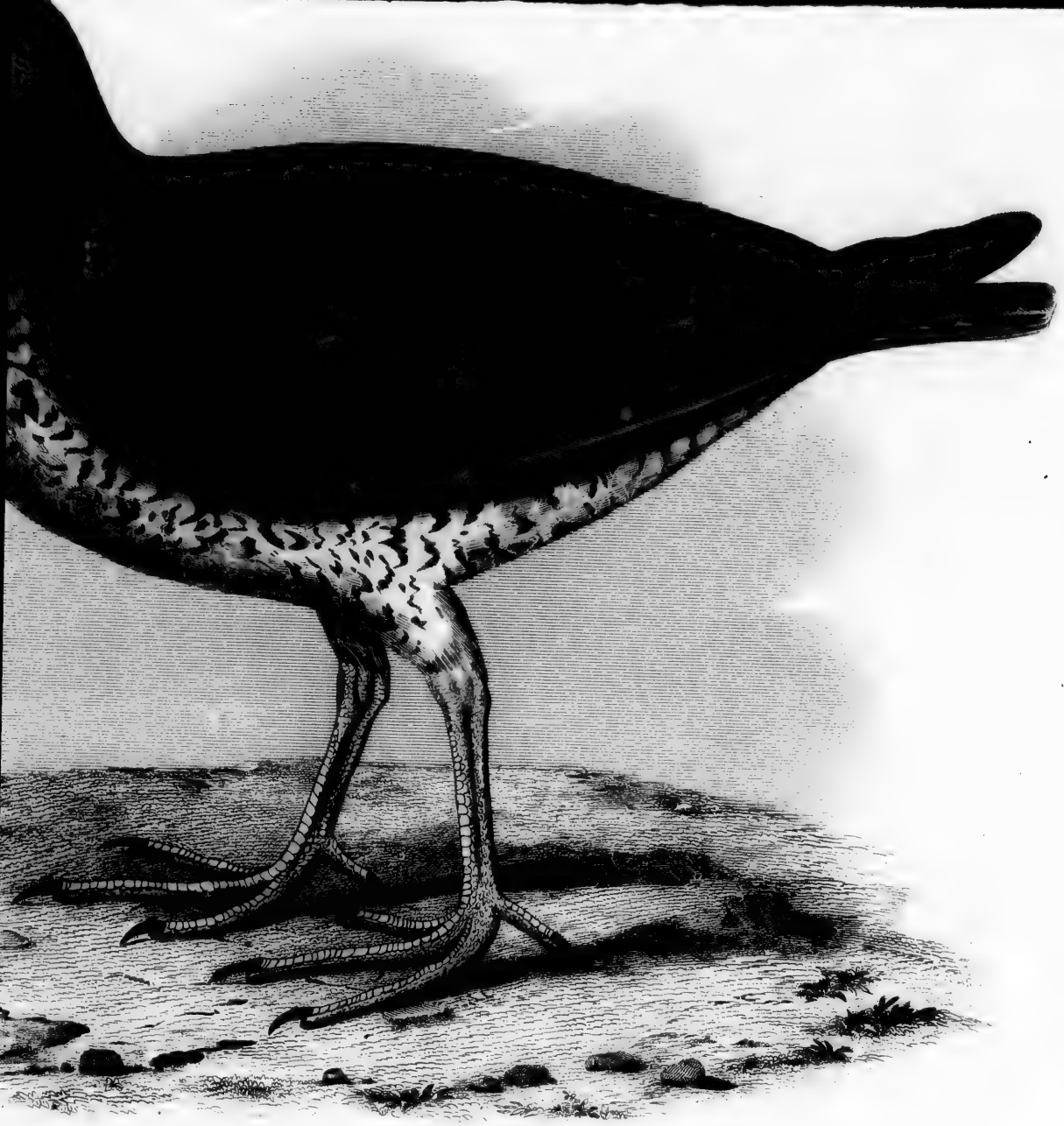
Pleiodus strigirostris. (Jardine.)

W.H. Dowgal sc.



1. Scolopax meridionalis. Peale.

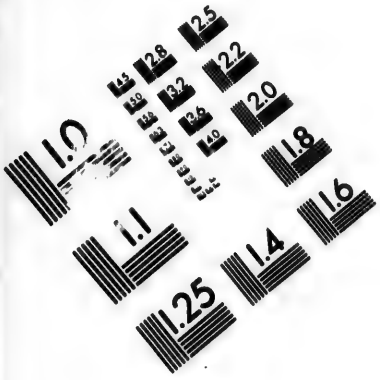
*W. E. Hitchcock del.*

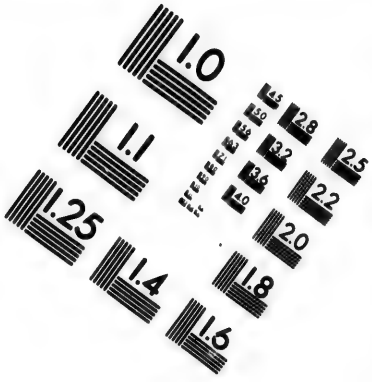


dionalis. Peale.

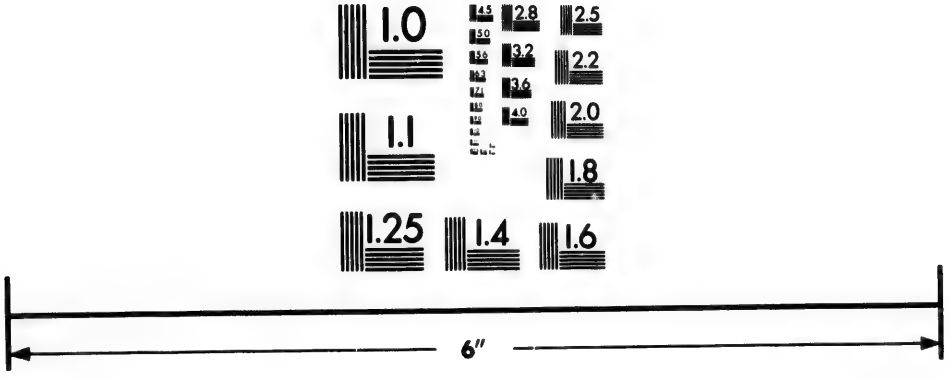
2. Zapornia umbrina Cassin.

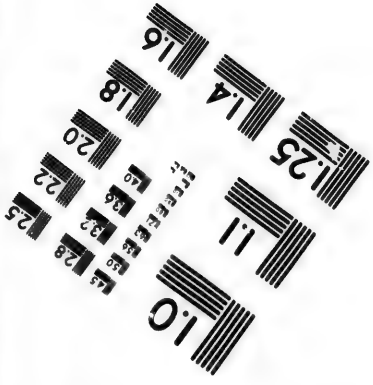
*Dougal sc.*

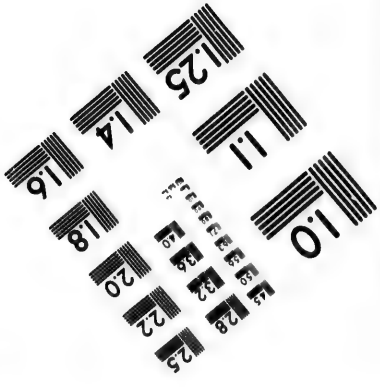



# IMAGE EVALUATION TEST TARGET (MT-3)

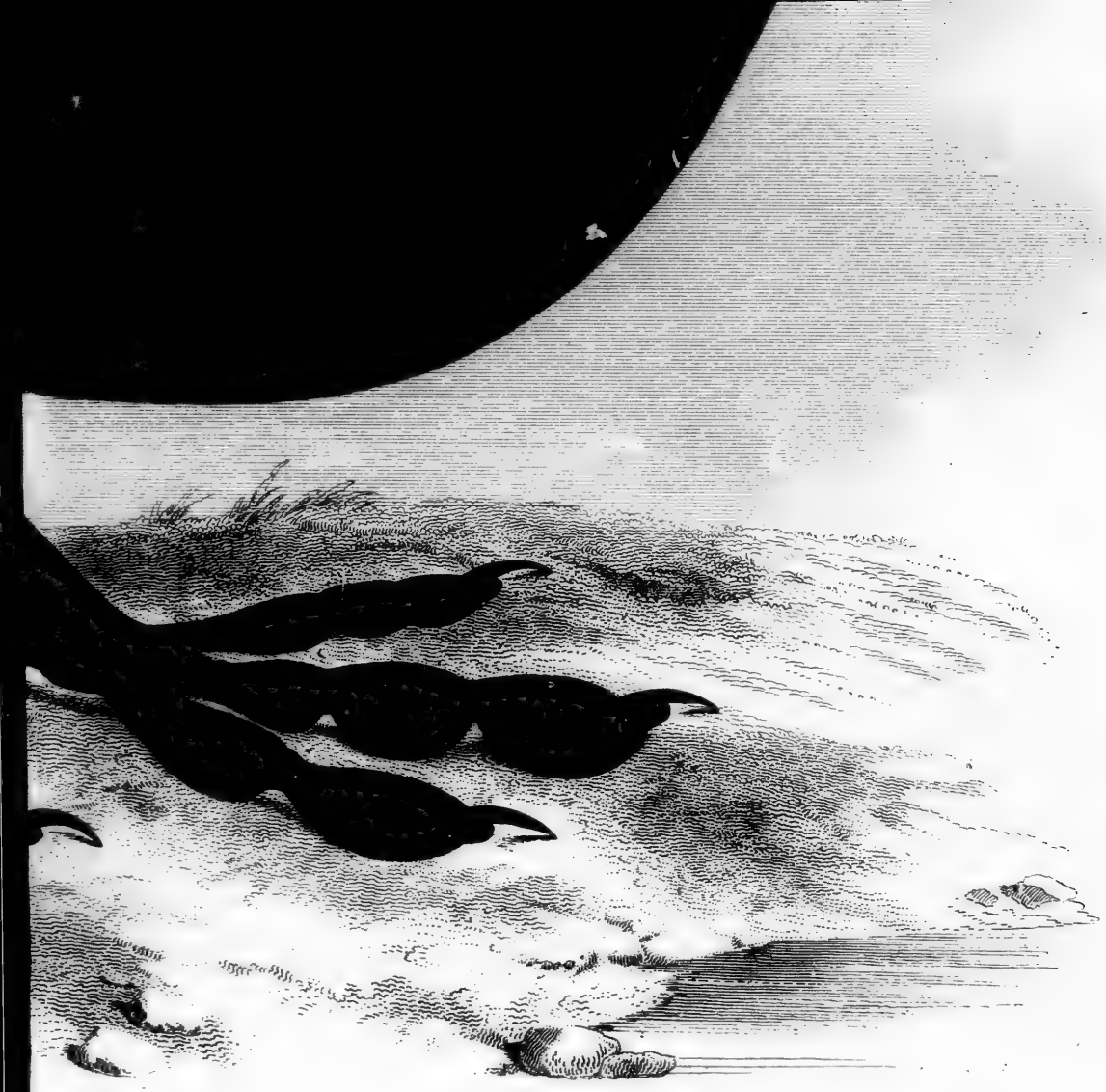



Photographic Sciences Corporation

23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503



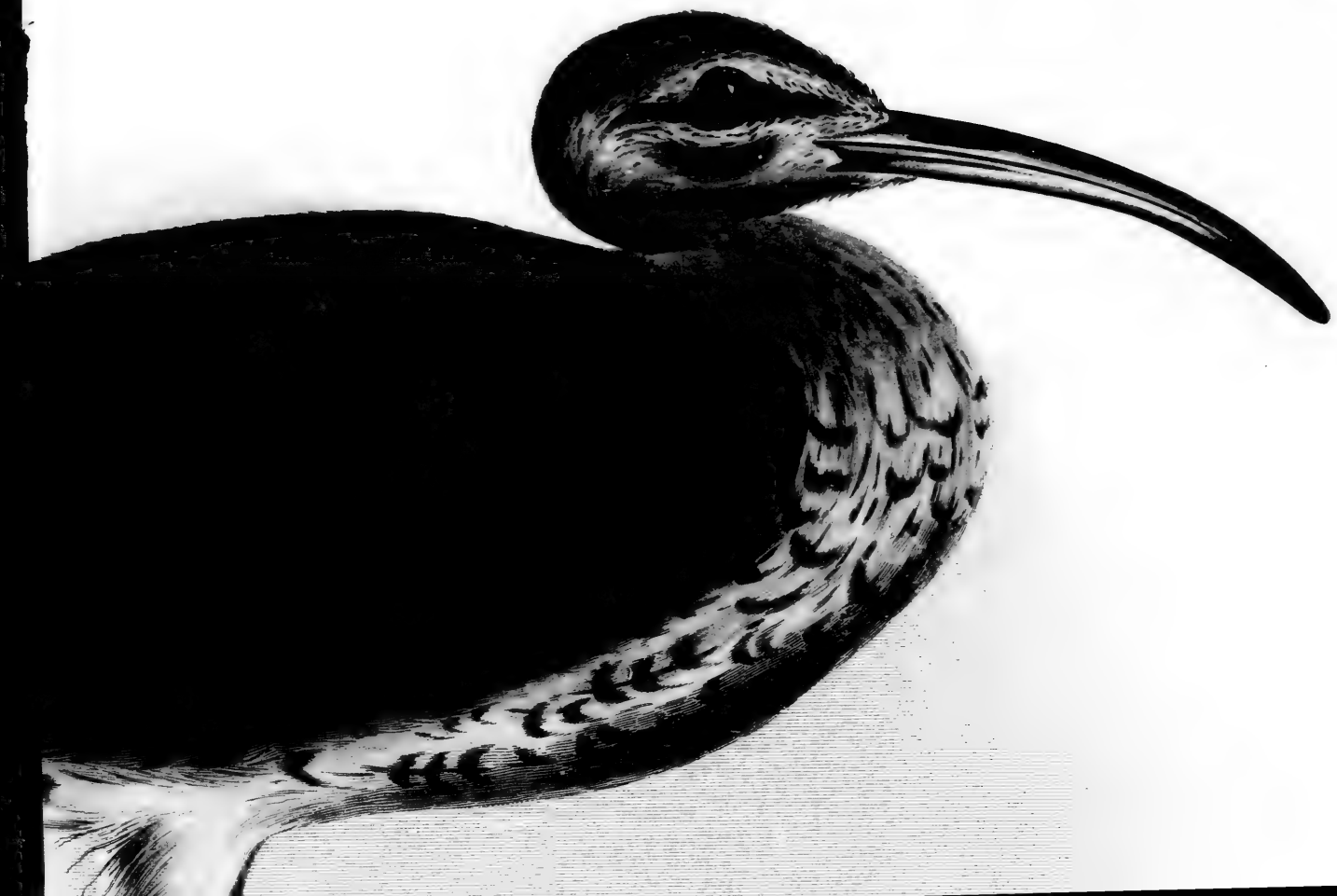
Fulica alai. Peale.

*Dougal sc.*

*U.S. Exploring Expedition.*

Fulica alai. Peale

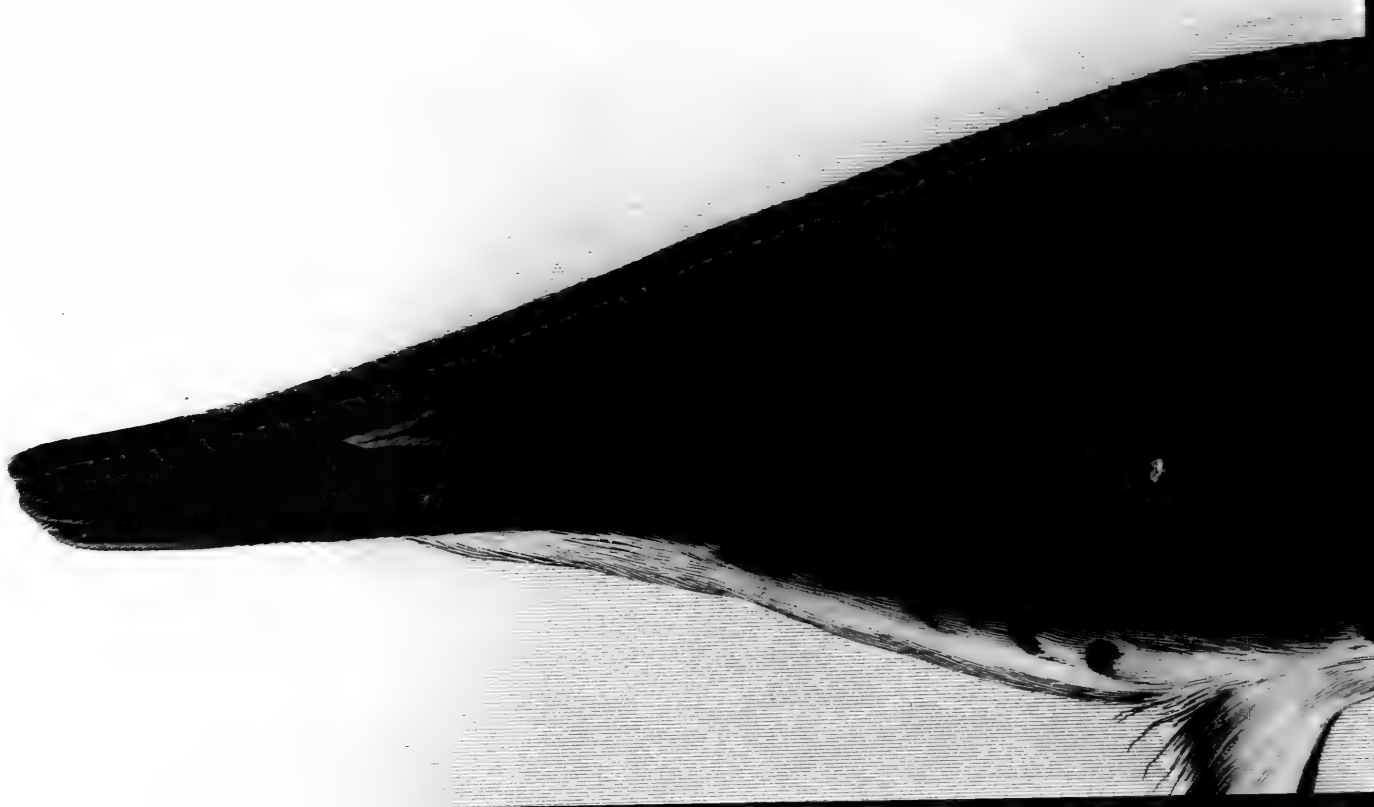
W.E. Hitchcock del.



enius femoralis. Peale.

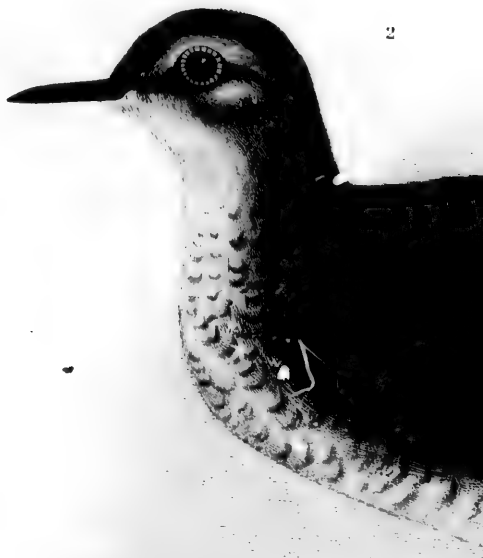
Dougal sc.

*U.S.Exploring Expedition.*



**Numenius femoralis.**

*W. E. Hitchcock del.*



1. Uria columba. (Pallas.)

G.G.Watts del.

umba. (Pallas.)

2. Tringa parvirostris. Peale.

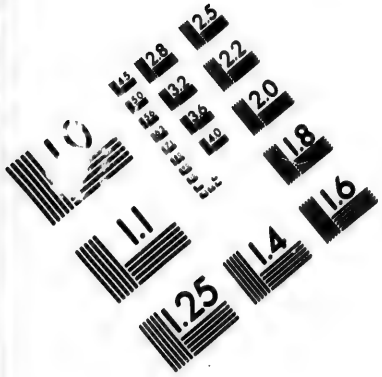
*Dougal sc.*

Thalassidroma

T. R. Beale del.

Thalassidroma lineata . Peale.

W.H.Dougal sc.



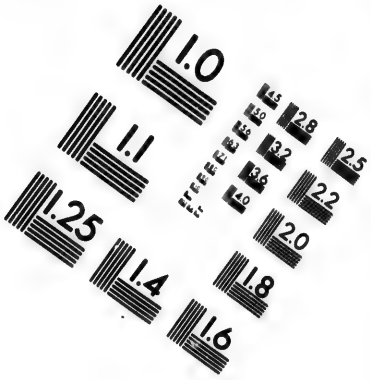
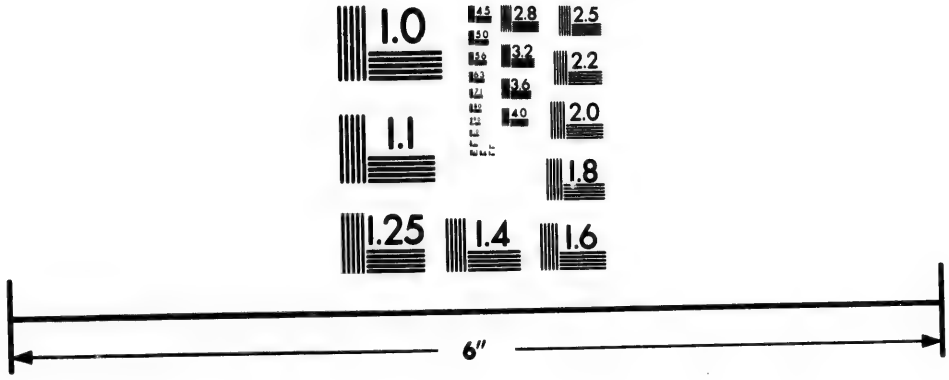
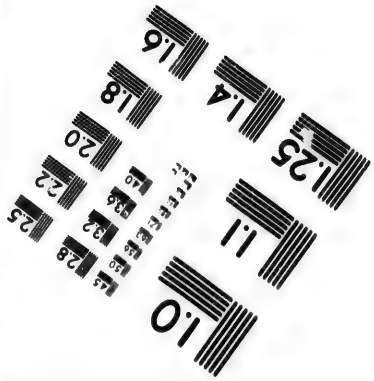
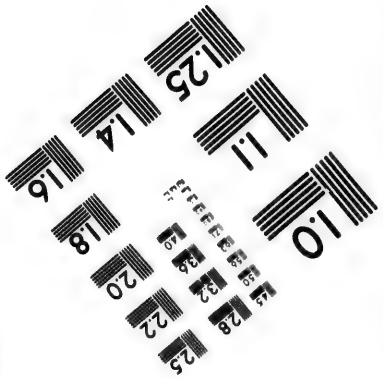




**IMAGE EVALUATION**
**TEST TARGET (MT-3)**




Photographic
Sciences
Corporation

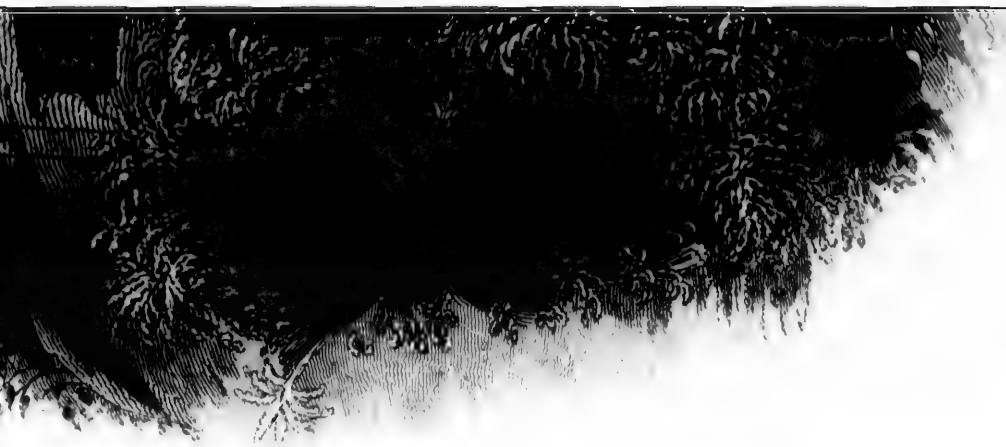
23 WEST MAIN STREET
WEBSTER, N.Y. 14580
(716) 872-4503

Procellaria p

Procellaria parvirostris: Peale.

Procellaria rostr

T.R. Peale del



Procellaria rostrata. Peale.

Sherman & Smith sc.

Procella

T.H. Peale del.

Procellaria nivea. Gmelin.

Bawden, Wright, Leitch, & Edson, sc.

Fiche 15 to 21 are not required.